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## THE

# OXYRHYNCHUS PAPYRI PART XV 

GRENFELL AND HUNT
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## EGYPT EXPLORATION SOCIETY

## THE

## OXYRHYNCHUS <br> PAPYRI

PART XV

EDITED WITH TRANSLATIONS AND NOTES
BY

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WITH FIVE PLATES
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## PREFACE

Owing to the large compass of the Byzantine documents intended for this volume, it was found advisable to reserve them for a separate Part (XVI), which will probably be issued in the course of 1922 ; the present instalment therefore, like Parts XI and XIII, consists of literary texts alone. The more extensive of these, including 1787-90, 1792, 1788, 1800, 1805-6, 1808, 1810, belong mainly to the second large literary find of 1905-6; others proceed from the work of different seasons, and a few, of which the most important are 1788 and 1793 , were acquired by purchase on the site of Oxyrhynchus by Professor Grenfell during his visit to Egypt in the winter of 1919-20.

That unfortunately remains my colleague's chief contribution to the following pages : a few of the minor texts were originally copied by him, and he was able to revise my copies of a few others; the rest of the work involved in the preparation of this book has fallen to myselfa fact which accounts for some delay in its appearance and for many defects in its execution.

I am again indebted to Mr. E. Lobel for much assistance with the new classical texts, and especially the fragments of Lesbian poetry. Valuable suggestions at an early stage were received from Professor Gilbert Murray, and Professor A. E. Housman kindly sent notes on a few passages in the poetical pieces. My thanks are also due to Professor H. Stuart Jones for a transcript in modern form of the musical notation of the early Christian hymn, No. 1788, and to some other scholars for help on special points, which is acknowledged in connexion with the texts concerned.

## ARTHUR S. HUNT.

Queen's College, Oxford, December, 192 I .

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## NOTE ON THE METHOD OF PUBLICATION AND LIST OF ABBREVIATIONS

Tife general method followed in this volume is the same as in preceding Parts. 1787-90 and 1792-4 are printed in dual form, a literal transcript being accompanied by a reconstruction in modern style. In the remaining texts the originals are reproduced except for separation of words, capital initials in proper names, some expansions of abbreviations, and supplements of lacunae. Additions or corrections by the hand of the body of the text are in small thin type, those by a different hand in thick type. Square brackets [] indicate a lacuna, round brackets () the resolution of a symbol or abbreviation, angular brackets 〈> a departure from the text of the original, braces \{ \} a superfiuous letter or letters, double square brackets []] a deletion in the original. Dots within brackets represent the approximate number of letters lost or deleted ; dots outside brackets indicate mutilated or otherwise illegible letters. Letters with dots underneath them are to be regarded as doubtful. Heavy Arabic numerals refer to the texts of the Oxyrhynchus Papyri in this volume and Parts I-XIV; ordinary numerals to lines, small Roman numerals to columns. The terms recto and verso when used of vellum fragments refer to the upper and under sides of the leaf, where these are determinable.
P. Amh. $=$ The Amherst Papyri, Vols. I-II, by B. P. Grenfell and A. S. Hunt.
P. Grenf. $=$ Greek Papyri, Series I-II, by B. P. Grenfell and A. S. Hunt.
P. Halle $=$ Dikaiomata, \&c., von der Graeca Halensis.
P. Oxy. = The Oxyrhynchus Papyri, Parts I-XIV, by B. P. Grenfell and A. S. Hunt.
P. Rylands $=$ Catalogue of the Greek Papyri in the Rylands Library, Vol. I, by A. S. Hunt.
P.S.I. = Papiri della Società italiana, Vols. I-VI, by G. Vitelli and others.

## I. THEOLOGICAL FRAGMENTS

1778. Aristides, Apology.<br>$12 \times 14.6 \mathrm{~cm}$. Fourth century. Plate I<br>(Fols. 1-2, recto).

The following small but vaiuable fragment of the Apology of Aristides in the original Greek is contained on the upper part of a leaf from a papyrus book, adjoined by a narrow strip from the other leaf of the sheet. How the sheet was folded, i.e. what was the relative order of the two leaves, and what was the position of the sheet in the quire cannot be determined; since, however, the strip from the second leaf is inscribed with but a single word, these questions are of slight importance. The handwriting is a handsome well-formed uncial, which though somewhat smaller and more compact has a decided general resemblance to that of 847, a leaf from a vellum MS. of St. John's Gospel, and like that specimen may be assigned with probability to the fourth century. No punctuation occurs. Etós is contracted in the usual way, but a̛ $\nu \theta \rho \omega \pi o s$ and apparently oúparós were written out in full (ll. 32,37 ). Some inaccuracies may be detected in the text, which seems to have been of mediocre quality ; cf. nn. on 11.26 sqq. and 33 .

The Apology is a recent addition to early Christian literature. The first step towards its recovery was made in 1878 with the publication of an Armenian translation of the first few chapters from two MSS. in the Lazarist monastery at Venice. This was followed eleven years later by Dr. Rendel Harris's find at Sinai of a complete version in Syriac ; and shortly afterwards Dr. Armitage Robinson, who had seen Dr. Harris's work in proof, recognized that the Apology was actually already extant in Greek, having been embedded in the early mediaeval romance, the History of Barlaam and Fosaphat. The outcome of these fortunate discoveries was the joint edition by the two scholars of the Apology of Aristides in Texts and Studies, I. i. (I891), containing the Syriac
text with an English translation, Latin and English versions of the Armenian fragment, and the Greek text from Barlaam and Fosaphat.

The question then presented itself, how far the Greek of Barlaam and Fosaphat could be regarded as representing the ipsissima verba of Aristides. That certain modifications had been introduced by the author of the romance was evident, e.g. a passage near the end in which the Christians were defended from certain charges made against them by early enemies was naturally discarded as out of date. But there remained considerable divergences which could not be easily accounted for. The Syriac has a number of repetitions and details not found in the Greek, the difference in total length approximating to the ratio of 3 to 2. Was this the result of expansion or compression? Had the Syriac translator amplified the original or the redactor of the Greek cut it down? The latter explanation, as Dr. Armitage Robinson observed in discussing this problem (op. cit. pp. 7 I sqq.), seemed a priori the more probable, but careful consideration of the opening passage in which the testimony of the Armenian fragment was also available showed that the faults were by no means all on one side. While in the Greek there could here be traced one serious modification with a consequent displacement, one considerable abbreviation, and an added phrase in a Christological passage, the Syriac was found to be often loose and inaccurate, dropping some phrases and inserting others, sometimes with a distorting effect. Dr. Robinson's general conclusion was 'that the Greek will, as a rule, give us the actual words of Aristides, except in the very few places in which modification was obviously needed. Where the Syriac presents us with matter which has no counterpart whatever in the Greek, we shall hesitate to pronounce that the Greek is defective, unless we are able to suggest a good reason for the omission, or to authenticate the Syriac from some external source.' Harnack agreed that the Greek was the truer witness, but proposed to account for the variations of the Syriac and Armenian by postulating as the basis of these a later Greek 'UUberarbeitung', which they in turn had still further transformed (Gesch. der altchristlichen Litt. i. I. 97)-a needlessly complicated hypothesis. Again, R. Raabe, in his commentary in Texte und Untersuchungen, ix. I, has no high opinion of the accuracy of the Syriac translator. On the other hand, Dr. Rendel Harris in a recent essay seeks to show that Celsus, in replying to Aristides, used a text of the Apology which was in close agreement with the Syriac (Bulletin of the Fohn Rylands Library, vi, pp. 163 sqq.).

With the welcome discovery of what is undoubtedly a fragment of the original text, the problem now reaches a new phase. The relation of the Greek of the fragment (P) to that of Barlaam and Fosaphat (BJ) and to the Syriac version is discussed in detail in the notes below on 11.8 sqq. and 26 sqq . In
general it may be said that P , as might be expected, holds an intermediate position. Though open to criticism especially for its verbosity, to which much of its comparative length is due, the Syriac has at any rate some of the advantages claimed for it by Dr. Rendel Harris, in places reproducing the original more faithfully than BJ and retaining words and phrases which the Greek redactor discarded. The latter often preserves the language of Aristides with much fidelity, but he treats the original with some freedom, making such short cuts and readjustments as seemed suitable for his purpose, and not confining himsclf to 'necessary modifications'. On the whole then the present discovery appears to place the Syriac version, if not in the flattering position suggested by Dr. Harris, yet in a more favourable light than that accorded to it by Dr. Armitage Robinson and by Raabe (op.cit., pp. 37-8). If the prudent critic must still 'hesitate to pronounce that the Greek is defective', he should exercise a corresponding caution in condemning matter peculiar to the Syriac. With P as guide, the task of sifting the wheat from the chaff may now be undertaken with a better chance of success.

Fol. I, recto. Plate I.
6 lines lost
7
] matpors

Fol. 2, recto. Plate I. SOVTєS $\tau \eta \nu \tau \omega[\nu] a[\nu \epsilon$ $\mu \omega \nu \pi \nu o \eta \nu \overline{\theta_{\nu}} \in \iota \nu \alpha l$ 10 [ $\pi \lambda \alpha \nu \omega] \nu \tau \alpha \ell \phi \alpha \nu \in \rho \alpha$ $[\gamma] a \rho$ є $\sigma \tau \iota \nu \quad \eta \mu \iota \nu$ oтt [ $\delta 0] \cup \lambda \epsilon \cup \in \ell \quad \epsilon \tau \in \rho \omega \quad \pi 0 \tau \epsilon$ $\left.\left[\begin{array}{lll}\mu \epsilon \nu & \gamma \alpha \rho\end{array}\right] a[\nu]\right\} \xi\left[\begin{array}{lll}l & \pi o \tau\end{array}\right] \epsilon \delta$ $\lambda \eta \gamma \epsilon \iota$ ovkouv apay
15 [ка] $¢ \leqslant \tau \alpha \iota$ ü $\pi!$ ! тıvos - [. . . . . .]. [. .]. . $\xi \in!$


- [. . . . . .] . . . [.]. .

4 lines lost
[.......]. $\boldsymbol{\epsilon}_{\boldsymbol{\epsilon}} . .$. !
[. . . . . .] $\tau \tau \omega \nu \tau \omega \nu$

Fol. 2, verso.
‥ $\quad[\sigma \eta] \mu[\epsilon] \iota \circ v \quad \epsilon \iota S \quad \sigma \eta \mu \epsilon \iota o \nu$ $\kappa \alpha \theta \quad \eta \mu \epsilon \rho \alpha \nu \quad \phi \epsilon \rho о \mu \epsilon$ $\nu 0 \nu$ סuvovта тє каь $\alpha \nu \alpha \tau \epsilon \lambda \lambda o \nu \tau \alpha$ Tov
30 $\theta \epsilon p \mu a l \nu \epsilon \iota \nu$ т $\alpha \beta \alpha$ $\sigma \tau a$ каı $\tau \alpha$ фuta els $\tau \eta \nu$ X $\chi \eta \sigma \iota \nu \tau \omega \nu \alpha \nu$ $\theta \rho \omega \pi \omega \omega \quad \in \pi \epsilon \iota$ кa! [] $\mu \epsilon$
piopous €X[ovтa $\mu_{\mathrm{j}} \mathrm{\epsilon}$
$35 \tau \alpha \tau \omega \nu \lambda 0\left[\begin{array}{ll} \\ & \\ \omega & \alpha \nu \\ \alpha \sigma\end{array}\right] \tau \epsilon$
р $\omega$ кає $\in[\lambda a \tau \tau \circ \nu] \alpha$
ovta $\tau 0 v$ [oupavou
$\pi[0] \lambda \nu \quad a v \xi[\epsilon \iota \delta \epsilon \kappa \alpha l$

${ }_{2} 5[\ldots . . ..] \nu \omega \nu \tau[].$.
7. $\mu$ atapors is apparently a misspelling for $\mu$ uapors. This word does not occur in the extant Greek, and to what context it should be referred is not clear. There are several references to pollution in ch. iv and the preceding part of ch. $v$ in connexion with $\gamma \eta$ and

 included the adjective mapors, though there is nothing in the Syriac suggesting this. Possibly, again, the word was used later in reference to the Greek gods or their


 introd., the relative positions of Fol. I and Fol. 2 are indeterminate.

8 sqq. The extant Greek of this passage is as follows : oi $\delta \grave{\epsilon} \nu \nu \mu i \zeta o v \tau e s ~ \tau \grave{\eta} \nu ~ \tau \omega ̄ \nu ~ a ̀ e ́ e ́ \mu \omega \nu ~$


 $\theta$ $\quad$ où.

The Syriac is: ' And again those who have thought concerning the blasts of winds that it is God, these also have erred: and this is evident to us, that these winds are subject to another, since sometimes their blast is increased and sometimes it is diminished and ceases, according to the commandment of him who subjects them. Since for the sake of man they were created by God, in order that they might fulfil the needs of trees and fruits and seeds, and that they might transport ships upon the sea; those ships which bring to men their necessary things from a place where they are found to a place where they are not found ; and furnish the different parts of the world. Since then this wind is sometimes increased and sometimes diminished, there is one place in which it does good and another where it does harm, according to the nod of him who rules it; and even men are able by means of well-known instruments to catch and coerce it that it may fulfil for them the necessities which they demand of it ; and over itself it has no power at all; wherefore it is not possible that winds should be called gods, but a work of God.'

In 11. 8-12 the agreement with the extant Greek is close, the only discrepancies being
 Syriac the simple directness of the original is obscured by unnecessary verbiage: 'concerning the blast of winds, that it . . these also ... and this is evident . . . that these winds...' On the other hand 'to us', which the extant Greek has dropped after 'evident', is correctly retained; and the following clause 'Since sometimes their blast is increased and sometimes it is diminished and ceases' apart from the redundancy of 'their blast ' and 'and ceases', corresponds faithfully to the original, whereas the extant Greck parts company, omitting the dependent clause and passing on to the next sentence. At this point, however, the Syriac too becomes faulty. After 'and ceases' it proceeds 'according to the commandment of him who subjects them' (cf. кат' iँıг whereas the original has an inferential sentence, apparently 'therefore it is under some compulsion . . $\therefore$ Further detailed comparison is precluded by the unfortunate mutilation of the
lower part of this page; but the scanty remains appear to support the fuller version of the Syriac as against the much shorter extant Greek, though no definite correspondence can be made out.
9. $6\left(\epsilon_{\epsilon}\right)$ : : so also the Syriac, 'that it is God'. The extant Greek has $\theta$ éiv both here and elsewhere where the subject is feminine.

I3. $a[v] \xi \in[t$ : the identification of the exiguous traces is confirmed by the collocation
 of $\pi$ отє $\mu \in \nu \ldots \lambda^{\prime}$. . $\eta \boldsymbol{\epsilon}$ is doubtful, for the Syriac repeats ' Since then this wind is sometimes increased and sometimes diminished ' at the corresponding point, and it is therefore quite possible that there was a similar repetition in the original. In that case BJ omitted пorè $\mu \grave{\nu} \nu$. . . $\lambda^{\prime} \eta \epsilon t$ here, and did not merely transfer it to a later position.

 ${ }_{\alpha} \nu \dot{\gamma} \gamma \kappa \eta \nu$, and the application of the same phrase to the moon and to man. To read avay[ $\left.\kappa \eta\right]$ єбтat is less suitable, since of the doubtful letters before tat the second is the taller of the two, whereas if they are $\epsilon \sigma$ the reverse would be expected. The top of the supposed $\zeta$ is not unlike that of Soves in 1.8 .
16. The very scanty remains are not inconsistent with avgєt again, though the repetition of this word seems unlikely. Of the three letters printed the $\epsilon$ is the most probable; the other two are very uncertain.
17. The first $\nu$ is very doubtful. The next letter is apparently $\omega$, $\epsilon$, or $\eta$, which is followed by $\nu$ or $\kappa$.
18. The doubiful $\lambda$ may be $\mu$.

26 sqq. The opening sentence of this section may safely be restored from BJ on the






The Syriac is : ' So too those have erred who have thought concerning the sun that he is God. For lol we see him, that by the necessity of another he is moved and turned and runs his course ; and he proceeds from degree to degree, rising and setting every day, in order that he may warm the shoots of plants and shrubs and may bring forth in the air which is mingled with him every herb which is on the earth. And in calculation the sun has a part with the rest of the stars in his course, and although he is one in his nature he is mixed with many parts, according to the advantage of the needs of men: and that not according to his own will, but according to the will of Him that ruleth him. Wherefore it is not possible that the sun should be God but a work of God.'

Here the Greek of BJ is close to that of the papyrus throughout, especially when one or two necessary corrections have been made. $\phi \in \rho \rho \mu \epsilon \nu \nu \nu$ of 1.2 has disappeared and is more likely to have been simply dropped than to be represented by $\mu$ ктaßaivovтa, since the Syriac has an equivalent for this as well as for $\phi \in \rho о \mu \epsilon \nu \nu \nu$. кає $\eta \mu \epsilon \rho a \nu$, which the Syriac connects,
 been omitted with $\beta \lambda a \sigma \sigma a ́$ and $\chi \rho \bar{\eta} \sigma \nu$ (confirmed against the v.l. $\chi \rho \epsilon \epsilon i \Delta \nu$ ), and $\beta \lambda a \sigma \tau a ́$ and $\phi u{ }^{\prime}$ are transposed; which was the correct order may be questioned, but the papyrus seems on the whole to be supported by the Syriac. $\mu \epsilon \rho \iota \mu \mu v s(1.33)$ was read by Boissonade,

 is probably to be regarded as the correct text, since the indicatives $\alpha v \xi \in \epsilon$, \&c., interrupt the participial construction, which is carried on in 11. 40-I by кає $\mu[\eta \delta \epsilon \mu a \nu]$ avtoкра $[\tau \epsilon a \nu$ є $\chi \circ \nu]$ ra ;
and though waxing and waning might be interpreted as referring to varying degrees of heat they are not terms ordinarily associated with the sun. It is then likely, as Dr. Rendel Harris suggests, that $a v \xi \epsilon t$, $\kappa \tau \lambda$., has been brought in here from the succeeding paragraph


The Syriac has preserved фєронєขоv and каө $\eta \mu \epsilon \rho a \nu$, but in other respects does not compare favourably with BJ. 'Shoots of plants and shrubs' is a pointless change, and 'may bring forth . . . earth' and ' in his course ... parts' are gratuitous amplifications. E'Tu is omitted, and the insertion of 'in calculation' is anything but a gain in clearness. 'According to the advantage of the needs of men' is displaced, and is besides a clumsy translation of $\epsilon \iota \tau \pi \nu \nu \chi \rho \eta \sigma \nu \tau \omega \nu$ a $\nu \theta \rho \omega \pi \omega \nu$, though less verbose than 'and that not according to his own will ', \&c., as an equivalent of кає $\mu \eta \delta \epsilon \mu \iota a \nu$ auтократєєаע єХоита. The reference to eclipse has disappeared. Raabe, l.c., was rightly critical of this passage.
33. $\epsilon \pi \epsilon t$ is obviously an error for $\epsilon \tau \ell$ (arising not improbably out of an intermediate misspelling $\epsilon \tau \epsilon 1$, and BJ's addition of $8 \epsilon$ may well be also right. There would be room for one letter between кaь and the following $\mu$, but none seems admissible and perhaps there was a flaw in the papyrus.
$3^{8-40}$. Cf. n. on ll. 26 sqq. єк入єı廿єts is assured by the parallel there quoted from BJ and would not overload the lacuna if $\epsilon \kappa \lambda \iota \psi \epsilon เ s$ or $\epsilon \kappa \lambda \iota \psi \iota s$ were written, as is quite possible.

## 1779. PSALM i.

$$
11.5 \times 7.7 \mathrm{~cm}
$$

Fourth century:
A complete leaf from a papyrus codex, containing three verses of the first Psalm. The informal hand, which may be assigned to the fourth century, is rather large, and disproportionate to the size of the leaf, so that only 17 lines are got into the two pages. Stops in the high position are used, and a rough breathing occurs in l.4. There is no stichometric division of the verses, as there was e.g. in 1226, a fragment from a still earlier book. A variant known from an eleventh-century cursive receives support ; cf. 1226, \&c.

тоито оик’ ava
4. $\omega$ s $\chi^{\text {vous }: ~ s o ~ t h e ~ c u r s i v e ~} 281$ (Laur. i. 18, 11th cent.) ; o $\chi^{\text {vous other MSS. }}$ 10. a $\sigma \in \beta \epsilon t s$ : so $\mathbb{N}^{2} \mathrm{AR}^{a}$ and many cursives, including 281. ot a $\sigma \in \beta \epsilon t s$ others.
1780. ST. JOIIn's Gospel viii.

$$
25.6 \times 8 \mathrm{~cm}
$$

Fourth century.
A leaf from a papyrus codex, complete at the top and bottom, but torn vertically, so that about half of the lines are missing on both pages. The handwriting, a handsome specimen of the 'biblical' type, large and upright, is unlikely to be later than the fourth century. A pause is sometimes marked by an increase of the interval before the following letter, otherwise punctuation is absent. The contractions usual in theological texts occur. A pagination figure, 74, has been entered (by the original scribe, apparently) in the left-hand corner of the recto ; a comparison of the capacity of this leaf with the amount of the preceding part of the Gospel shows that the number refers to the page, not to the leaf, and it will follow either that the pages were numbered alternately in the series $2,4,6, \& \mathrm{c}$., or that they were numbered consecutively at the top left corner. Here then may well be another example of the system of alternate pagination which appeared probable in 1011 ; cf. Part VIII, pp. 18-19. The text, like that of 847, shows a general agreement with the Codex Vaticanus.

Verso.

$[\pi \epsilon \rho \iota \in \mu \alpha v]$ ]ov $\eta \mu \alpha \rho$
[rvpıa $\mu \circ v] \alpha \lambda \eta \theta \eta s$
$5\left[\begin{array}{lll}\epsilon \sigma \tau l \nu & \text { otl } & 0\end{array}\right] \delta \alpha \pi 0$
$\left[\begin{array}{ll}\theta \in \nu & \eta \lambda \theta o\end{array}\right] \nu$ кal $\pi$
$[\nu \pi a \gamma \omega \quad v] \mu \epsilon \iota s \delta_{\epsilon}$
[ouk oi $\delta \alpha \tau] \epsilon \pi \circ \theta \in \nu$
[ $\left.\epsilon \rho \chi^{\circ} \mu \alpha l\right] \eta \pi 0 v \quad v \pi \alpha$
10 $[\gamma \omega v \mu \epsilon \tau s] \kappa \alpha \approx \alpha \tau \bar{\eta}$
[ $\sigma \alpha \rho \kappa \alpha ~ к \rho]<\nu \epsilon \tau \epsilon \quad є \gamma \omega$
[ov крıv] $\omega$ ou $\delta \in \nu \alpha$

$\left[\begin{array}{lll}\epsilon \gamma \omega & \eta & \text { кp] } \sigma \sigma \iota \\ \eta & \epsilon \mu \eta\end{array}\right.$
$15[\alpha \lambda \eta \theta \iota \nu \eta$ є] $\sigma \tau ル \circ$
[ Tl رovos] ouk $\epsilon \iota$

Recto.
of
viii. $x_{4}$

$$
35
$$

$\mu \alpha \tau \alpha \in \lambda \alpha[\lambda \eta \sigma \in \nu \in \nu$
$\tau \omega$ $\gamma \alpha \varsigma 0[\phi u \lambda \alpha \kappa \iota \omega$
$\delta \iota \delta a \sigma \kappa \omega[\nu \in \nu \tau \omega$
$\ddot{\epsilon} \rho \omega \kappa \kappa \alpha[l$ ou $\delta \epsilon \iota$
$40 \epsilon \pi \iota \alpha \sigma \epsilon[\nu$ avtov o
$\tau \iota$ ov $\pi[\omega \in \lambda \eta \lambda v \theta \epsilon \iota$

```
        [ [l a\lambda\lambda \epsilon\gamma]\omega ка\iota о
        [\pi\epsilon\mu\psias] \mu\epsilon \overline{\pi\eta\rho}
    [\kappa\alpha\iota \epsilon\nu \tau\omega] \nuо\mu\omega
20[ [\delta\in\tau\omega v\mu}]\epsilon\tau\in\rho
[\gamma\in\gamma\rhoa\pi\tau]a\iota o\taut \deltav
[0 \overline{a\nu\omega\nu}\eta] \mua\rho\tauv\rhol
[a a\lambda\eta0\etas] \epsilon\sigma\tau\iota\nu \epsilon
    [\gamma\omega \epsilonl\mul] 0 \mua\rho\tauv
25 [\rho\omega\nu \pi\epsilon\rhol] \epsilon\muav\tauov
```

$\eta \omega \rho \alpha a[v \tau 0 v \in \ell \pi \in \nu \quad 2$ I
ovv $\pi a[\lambda<\nu$ avtols
$\epsilon \gamma \omega v \pi[a \gamma \omega$ каı $\langle\eta$
$45 \tau \eta \sigma \epsilon \tau \epsilon \mu[\epsilon \kappa \alpha \ell \in \nu$
$\tau \eta \quad \alpha \mu \alpha \rho \tau[\angle \alpha \quad v \mu \omega \nu$
$a \pi o \theta a \nu[\epsilon \epsilon \sigma \theta \epsilon \quad \circ$

$v \mu \epsilon i s$ ov [ $\delta v \nu a \sigma \theta \epsilon$
$50 \epsilon \lambda \theta \epsilon L \nu \quad \epsilon[\lambda \epsilon \gamma 0 \nu$ ov 22
 W(estcott)-H(ort) and T(extus)-R(eceptus) with most MSS.
7. $\delta \epsilon$ : so BD, W-H, T-R ; om. N.
9. $\eta$ : so BDgr , W-H ; кає , T-R.
13. It is clear that the papyrus did not read кav with $\mathfrak{N}$ for кat єav.
15. Considerations of space are indecisive between a $\left.\begin{array}{l}\eta \\ \theta \\ \omega\end{array}\right)(\mathrm{BD}, \mathrm{W}-\mathrm{H})$ and $a \lambda \eta \theta \eta \mathrm{~s}(\boldsymbol{\aleph}$, T-R), but in view of the general agreement of the papyrus with $\mathrm{B}, a \lambda \eta \theta \omega \eta$ is the more probable reading.
16. There would be no room for $\epsilon \gamma \omega$ after $\mu$ ovos (D).
18. $\pi(a \tau) \eta \rho$ : so $\aleph^{c} \mathrm{~B}, \mathrm{~T}-\mathrm{R}$; om. $\mathcal{N}^{*} \mathrm{D}$. W-H print $\pi a \tau \eta \rho$ in brackets.
21. $[\gamma \epsilon \gamma \rho a \pi \tau] a \iota$ : so $\mathrm{BD}, \mathrm{T}-\mathrm{R}, \mathrm{W}-\mathrm{H} ; \gamma є \gamma \rho a \mu \mu \epsilon \nu \circ \nu \in \sigma \tau \iota \nu$ 内.
 avross D ).
34. The omission of $\mu_{0 v}$ with $\mathbb{N}$ would make the line unduly short.
av $\eta$ ] $\delta \epsilon \iota \tau \epsilon:$ so $\mathrm{B}, \mathrm{W}-\mathrm{H}$; $\eta \delta \epsilon \iota \tau \epsilon$ av $\aleph$, T-R.
36. The line is sufficiently filled without the addition of o $\mathrm{I}(\eta \sigma o u) s$, which is read after $\epsilon \lambda a \lambda \eta \sigma \in \nu$ by some of the later uncials and T-R ; cf. 1. 43, n.
42. $\epsilon \iota \pi \epsilon \nu: \mathbb{N} \epsilon \lambda \epsilon \epsilon \nu$, which, though unlikely, can hardly be excluded; cf. $1.15, \mathrm{n}$.
43. The papyrus evidently agreed with the best MSS. in omitting o I $(\eta \sigma o v) s$ which is added after autous by T-R with inferior authority.
47. o] $\pi o v:$ the variant кat onov is possible though not probable.
1781. ST. JOHN'S GOSPEL xvi.

$$
24.5 \times 6.8 \mathrm{~cm} . \quad \text { Third century }
$$

The following leaf from a papyrus codex evidently belonged to the same MS. from which 208 (now Brit. Mus. 782 ), a sheet containing portions of chaps. $i$ and xx of St. John's Gospel, was derived. The character of the hand (both in the main text, which is written in an upright rather heavy script of semi-literary type, and in the corrections), length of lines and columns, method of punctuation by short blank spaces, occasional use of the rough breathing, and internal textual evidence, all combine in proving an identical origin. 208 was assigned to the
period between A. D. 200 and 300 (Part II, p. 2), and there is no reason to question that attribution, though the codex is perhaps more likely to date from the second half of the century than the first. With regard to the corrections and additions, which are in a small but very similar hand, the further specimens now available rather suggest that these are due to a diorthotes rather than to the original scribe, though they must in any case be practically contemporary.

In consideration of the interesting character of the text of 208, the recovery of a further fragment of this ancient book, the earliest copy so far known of the Gospel, is very fortunate. In 208 a tendency was noted to agreement with the Codex Sinaiticus, but this is not apparent in 1781, so far as variants peculiar to that MS. are concerned, though where $\mathfrak{N}$ is supported by one or more of the other chief uncials the papyrus is usually in harmony. Coincidences with NA are found in 11. 47,48 , with $\aleph D$ in 1.12 , with $\aleph B D$ in 11. 13,20 , with $\aleph B C$ in $11.34-5$. There is one agreement with B against the other main authorities ( $1.1_{3}$, omission of the article with 'I $\eta \sigma o \hat{v}_{s}$; cf. 1. 12, n.), one with BD (1.31) and BCD (1. 34). An omission of $\epsilon \gamma \omega$ in 1.47 is peculiar to the papyrus, and in 1. 44 there was apparently another omission which has hitherto depended on slight authority. The tendency to brevity, especially in omitting unnecessary pronouns, conjunctions, \&c., is an outstanding feature of both 208 and 1781 ; cf. 208 Fol. I verso. 5, 10, 11 , recto. 12, 22, Fol. 2 recto. 19, verso. $2,5^{\text {sqq., } 12,14^{-1} 5,17,1781.6 \text {, }, ~}$ 12, 13, 20, 26, $3^{8,44,47,50-1 \text {, and nn. }}$

## Recto.

${ }^{1} 5$ [ $\pi \epsilon \rho \iota$ тoutov $\left.\zeta \eta \tau\right] \epsilon \epsilon \tau \epsilon \mu \in \tau \quad \alpha \lambda \lambda \eta \lambda \omega[\nu$
 $[\mu \epsilon \kappa \alpha \iota \pi \alpha \lambda \iota \nu \quad \mu \epsilon \iota \kappa \rho о] \nu \kappa \alpha \iota \quad$ о $\psi \epsilon \sigma \theta \epsilon \mu \epsilon[$ $\left[\begin{array}{llll}\alpha \mu \eta \nu & \alpha \mu \eta \nu & \lambda \epsilon \gamma\end{array}\right] \omega \ddot{\nu} \mu \epsilon \iota \nu$ or[ $\left.\iota \kappa\right] \lambda \alpha[v \quad 20$ $[\sigma \epsilon \tau \epsilon \kappa \alpha \iota$ $\theta \rho \eta \nu \eta \sigma] \in \tau \epsilon \ddot{u} \mu \epsilon \iota s$ o $\delta \epsilon$
$20\left[\kappa \circ \sigma \mu \circ s \chi^{\alpha \rho \eta \sigma \epsilon \tau] a \iota} \ddot{v} \mu \epsilon \epsilon s \lambda[0] \| u \pi \eta \theta \eta\right.$
$\left[\begin{array}{llll}\sigma \epsilon \theta \theta \epsilon & \alpha \lambda \lambda \alpha & \eta & \lambda \nu \pi\end{array}\right] \eta \ddot{v} \mu \omega \nu \epsilon \iota \mathcal{S} \chi^{\alpha \rho \alpha \nu}$

[ $\pi \eta \nu \quad \in \chi \epsilon \iota$ oт $\eta \lambda \theta \epsilon \nu] \stackrel{\hbar}{\eta} \omega \rho \alpha$ avт $\eta s$

${ }^{2} 5$ [ $\left.\tau \iota \mu \nu \eta \mu o \nu \epsilon v \epsilon \iota \quad \tau \eta s \quad \theta \lambda\right] \epsilon \iota \psi[\epsilon] \omega s \delta_{l}$
$\left[\begin{array}{ll}\alpha \\ \tau & \eta \nu\end{array} \chi^{\alpha \rho \alpha \nu}\right.$ oтl $\left.\epsilon \gamma \epsilon \nu \nu\right] \eta \theta \eta \quad \alpha \nu \theta \rho \omega$
[ $\pi 0 S$ els $\tau o \nu$ кoб $\mu \nu \nu$ ] кal $\ddot{u} \mu \epsilon \iota S$ ovv

## Verso.

$\nu v \nu \mu \epsilon \nu[\lambda u \pi \eta \nu \quad \epsilon \chi \epsilon \tau \epsilon \pi \alpha \lambda \iota \nu \delta \epsilon$
o $\psi \circ \mu \alpha \iota \ddot{\nu} \mu[\alpha s$ каl $\chi \alpha \rho \eta \sigma \epsilon \tau \alpha \iota ~ \nu \mu \omega \nu$
$30 \eta$ карঠıa [каl $\tau \eta \nu \quad$ X $\alpha \rho \alpha \nu ~ v \mu \omega \nu$ ov
$\delta \epsilon t S \alpha \rho \epsilon \iota[\alpha \phi] \stackrel{\varphi}{[\mu \omega \nu} \kappa \alpha \iota \in \nu \epsilon \kappa \epsilon \iota \nu \eta$ - 23
$\tau \eta \stackrel{\hbar}{\eta} \mu \epsilon \rho[\alpha] \in[\mu] \in\left[\begin{array}{ll}\text { ouk } & \epsilon \rho \omega \tau \eta \sigma \epsilon \tau \epsilon\end{array}\right.$ ov $\delta \epsilon \nu \quad \alpha \mu \eta \nu \quad a[\mu \eta \nu \quad \lambda \epsilon \gamma \omega \quad v \mu \epsilon \tau \nu$ $\alpha \nu \tau \iota \alpha \iota \tau \eta[\sigma] \eta \tau \epsilon\left[\begin{array}{ll}\tau \sigma \nu & \overline{\pi \rho \alpha} \delta \omega \sigma \epsilon l \\ \nu \mu \epsilon \iota \nu\end{array}\right.$
$35 \epsilon \nu \tau \omega \quad \circ \nu[0] \mu \alpha \tau[l$ нov $\alpha \iota \tau \epsilon \iota \tau \epsilon \kappa \alpha \iota$
$\lambda \eta \mu \psi \epsilon \sigma \theta \epsilon \ddot{i}\left[\nu \alpha \eta \chi^{\alpha \rho \alpha} \quad \nu \mu \omega \nu \eta\right.$
$\pi \epsilon \pi \lambda \eta \rho \omega[\mu] \in[\nu] \eta[\tau \alpha \nu \tau \alpha \quad \epsilon \nu \pi \alpha \rho o \iota$
$\mu \iota \alpha \iota s \lambda \in \lambda[\alpha] \lambda \eta \kappa \alpha[\nu \mu \epsilon \iota \nu \quad \epsilon \rho \chi \in \tau \alpha \iota$ $\omega \rho \alpha$ oтє ovkєT[l $\in \nu \pi \alpha \rho o \iota \mu t \alpha \iota s \lambda \alpha$
$40 \lambda \eta \sigma \omega \ddot{\ddot{ } \mu} \mu \epsilon \iota \quad \alpha \lambda[\lambda \alpha \quad \pi \alpha \rho \rho \eta \sigma \iota \alpha \quad \pi \epsilon \rho \iota$ $\tau 0 \nu \overline{\pi \rho S} \alpha \pi a \gamma \gamma \epsilon[\lambda \omega v \mu \epsilon \tau \nu \quad \epsilon \in$
$\kappa \epsilon \iota \nu \eta \tau \eta \stackrel{\grave{\eta}}{\mu} \mu \epsilon \rho \alpha$ [ $\epsilon \nu \tau \omega$ о $\tau о \mu a \tau \iota$ $\mu \circ \nu \alpha \iota \tau \eta \sigma \epsilon \sigma \theta \epsilon[\kappa \alpha \iota$ ov $\lambda \epsilon \gamma \omega$ $v \mu \epsilon \iota \nu$ [0] $\tau \iota \epsilon \gamma \omega$ є $\rho \omega \tau \eta \sigma[\omega$ то⿱ $\overline{\pi \rho \alpha}$ avтоS
$45[\gamma] \alpha \rho \circ \bar{\pi} \rho \phi \iota \lambda \epsilon t \ddot{\nu} \mu[\alpha S$ oft $v \mu \epsilon t s \in \mu \epsilon$ $\pi \epsilon \phi \iota \lambda \eta \kappa \alpha \tau \epsilon \kappa \alpha \iota[\pi \epsilon \pi \iota \sigma \tau \epsilon \nu \kappa \alpha \tau \epsilon$


```
    \pi\alpha\rho\alpha то⿱ \overline{\pi\rhoS к\alphal \epsilon[\lambda\eta\lambda\nu0\alpha \epsilonls то\nu}
    ко\sigma\muо\nu \piа\lambda\iota\nu a[\phi\iota\eta\mul то\nu ко\sigma\muо\nu
50 ка\iota \piорєчоцая \pi\rhoо[s то\nu \overline{\pi\rho\alpha}}\lambda\epsilon, 2
            @u\tau\omega
yov\sigma⿺v ol }\mu[\alpha0\eta\tau\alphal \alphav\tauо⿱ \ \\epsilon \nuvv \epsilonv
\pia\rho\rho\eta\sigma\iota\alpha \lambda[\alpha\lambda\epsilon\iotas ка\iota \pia\rhoo!\mula\nu ov
\delta\epsilon\mula\nu \lambda[\epsilon\gamma\epsilon\iotaS \nuv\nu o\iota\delta\alpha\mu\epsilon\nu
    30
o\taut o\iota\deltaаs \pi\alpha[\nu\tau\alpha ка\iota ov Xp\epsilon\iota\alpha\nu €\\epsilon\iotaS
```



3．$\epsilon \iota \pi o] \nu$ ：to read $\epsilon \iota \pi \rho \nu \nu \mu\rceil \nu$ with $\mathbb{N e}^{c}$ and others would overload the lacuna．
4．Whether $\lambda_{a \mu \beta a \nu \epsilon \iota}\left(\mathrm{BDI}^{\mathrm{b}}, \mathrm{W}-\mathrm{H}\right)$ or $\lambda \eta(\mu) \psi \epsilon$ rat（ $\boldsymbol{N}^{c} \mathrm{~A}, \mathrm{~T}-\mathrm{R}$ ）was written cannot be determined．

5．On the basis of the preceding and following lines，оикert（ $\mathrm{NBD}^{\text {rr }} \mathrm{I}^{\mathrm{b}}, \mathrm{W}-\mathrm{H}$ ）suits the length of the lacuna better than ov（A，T－R）．

7．The lacuna is of the same length as that at the beginning of 1.6 and shorter by only one letter than that in 1．8．Perhaps there was some deletion，e．g．the scribe might have begun to write $\pi \rho o s$ a $\lambda \lambda \eta \lambda o v s$ after $o v \nu$ ，which is the order of K ．There is no authority for the insertion of tives before $\epsilon$ ．

9．$\theta \in \omega \rho \epsilon[\tau] \epsilon: \quad \nabla \psi \epsilon \sigma \theta \in \mathrm{D}$ ．
10．The reading after $\quad \psi{ }^{2} \in \sigma \theta \in$ is very uncertain；there was perhaps a correction．
II．The lacuna would not admit of $\epsilon \gamma \omega v \pi a \gamma \omega$（D，T－R）．$\epsilon \lambda \epsilon \gamma o \nu$ ovv is omitted in D＊．
12．тоито］so $\mathbf{N}^{*} \mathrm{D}^{*}$ ；for tovto o $\lambda \in \gamma \in \iota\left(\boldsymbol{N}^{c} \mathrm{ABD}^{2} \mathrm{~T}\right.$ b，W－H，T－R $)$ there is clearly no room．
That to was omitted before $] \mu \epsilon \epsilon \kappa \rho o \nu$（so $\mathrm{B}, \mathrm{W}-\mathrm{H}$ ）is probable but hardly certain．
13．Either $\tau t \lambda_{a \lambda \epsilon t}$ or o $\lambda_{\epsilon \gamma \epsilon t}\left(\mathrm{D}^{*}\right)$ is required in the lacuna；om．B．
$\epsilon\} \gamma \nu \omega$ ：so NBD．W－H ；$\epsilon \gamma \nu \omega$ ov A，T－R，$\epsilon \gamma \nu \omega \delta \epsilon$ and $\kappa a \iota \epsilon \gamma \nu \omega$ being other variants．
I $\eta(\sigma \circ v)_{s}$ ：so $\mathrm{B}, \mathrm{W}-\mathrm{H}$ ；oI $(\eta \sigma o v) s$ NAD，T－R．
$\eta \theta \in \lambda o \nu: \eta \mu \in \lambda \lambda o \nu \mathcal{N}$.
14．D＇s reading $\epsilon \pi \epsilon \rho \omega \tau \eta \sigma a \iota \pi \epsilon \rho \iota$ tovtov is obviously excluded．A omits ayrots．
20．vpets：so $\leqslant \mathrm{NBD}, \mathrm{W}-\mathrm{H}: v \mu \epsilon \iota \delta \in \mathrm{~A}, \mathrm{~T}-\mathrm{R} . v$ of $\lambda v \pi \eta \theta_{\eta}$ has been converted from an ，i．e．$\lambda o \iota \pi \eta \theta \eta$ was first written．The correction is perhaps due to the original scribe． Cf．1． 22.

21．Whether $a \lambda \lambda a$ or $a \lambda \lambda$ was written cannot be ascertained．
22．The corrector has substituted $v$ for ou without cancelling the original spelling，for which cf．1． 20.

23．$\omega \rho a$ ：$\eta \mu \epsilon \rho a \mathrm{D}$ ．
25．$\theta \lambda] \epsilon \iota \psi[\epsilon] \omega s: \lambda v \pi \eta s$ D．
26．av $\theta \rho \omega\left[\pi o s: ~\right.$ o $a \nu \theta \rho \omega \pi o s \aleph^{*}$ ．
27．ouv：$\aleph^{*}$ places this after $\nu v \nu \mu \in \nu$ ．
28．$\nu \nu \nu \mu \epsilon \nu\left[\lambda \nu \pi \eta \nu\right.$ ：so $N \mathrm{NC}^{*} \mathrm{D}, \mathrm{W}-\mathrm{H} ; \lambda \nu \pi \eta \nu \mu \epsilon \nu \nu v \nu \mathrm{AC}^{3}, \mathrm{~T}-\mathrm{R}$ ．

33．ort may have been added at the end of the line as in $\mathrm{ND}^{2}(\mathrm{~T}-\mathrm{R})$ ．
34．$a \nu \tau t$ is the reading of $\mathrm{BCD}, \mathrm{W}-\mathrm{H}$ ；о a $\boldsymbol{\aleph}$ ，о $\tau \iota$ a A ，ofa（ $\epsilon$ ）a $\nu$ some later MSS．， T－R．
 T-R.
35. The first sentence of verse ${ }^{2}$, $\epsilon \omega$ aprı . . . ovo $\mu a \tau \iota ~ \mu o v$, was originally omitted owing to homoeoteleuton. This mistake has been corrected at the foot of the page, where 1. 35 has been rewritten in a smaller and probably different hand with the missing words incorporated. A symbol calling attention to the correction was presumably entered in the right-hand margin.
38. The line is sufficiently filled without $a \lambda \lambda a\left(\mathrm{AC}^{3} \mathrm{D}^{2}\right)$ before $\epsilon \rho \chi \epsilon \tau a t$, especially as a short blank space may well have been left after v $\mu \epsilon t v$.
39. oтє: aто⿱ $\aleph^{*}$.
41. $a \pi a \gamma \gamma\left[\lambda \omega\right.$ : so $\mathfrak{N A B C}{ }^{*} \mathrm{D}, \mathrm{W}-\mathrm{H}$; avary $^{2} \lambda \omega \mathrm{C}^{2}, \mathrm{~T}-\mathrm{R}$.

42-3. аит. єע тш оуон. $\mu$ ои N.
44. The lacuna here is of practically the same length as in the immediately preceding and following lines, and it seems clear that either $\tau \boldsymbol{\nu} \pi(a \tau \epsilon) \rho a$ or $\pi \epsilon \rho \nu \nu \mu \omega \nu$ was omitted, and for the latter omission there is some authority (the cursive 36, Itala MSS. bce, Cyril Acta 49, Aug. De Trin.). D adds $\mu$ ov after $\pi$ atefa, and this may have been written, though not required.
45. Whether $\epsilon \mu \epsilon$ ( ABCD ) or $\mu \epsilon(\mathcal{N})$ was written cannot be decided.
47. oтt: ort $\epsilon \gamma \omega$ MSS.
$\theta\left(\right.$ (єo) v: so $\mathbf{N}^{*} \mathrm{~A}$; tov $\theta$ eov $\mathrm{C}^{3}$ and others, T-R ; tov $\pi$ atpos $\mathrm{BC}{ }^{*} \mathrm{D}, \mathrm{W}-\mathrm{H}$.

$\epsilon[\lambda \lambda \lambda \theta a: \eta \lambda \theta o \nu \mathrm{D}$.
$50-\mathbf{r}$. $\lambda_{\epsilon}$ ]yovow, the original reading, is that of $\aleph \mathrm{BC}^{*} \mathrm{D}^{*}, \mathrm{~W}-\mathrm{H}$; avז $\omega$, which has been inserted above the line, is added by $\mathrm{AC}^{3} \mathrm{D}^{2}, \mathrm{~T}-\mathrm{R}$.
51. $\epsilon \nu$ may have been omitted, with A.

## 1782. Didache i-iii.

Fol. $15.8 \times 5$, Fol. $2 \quad 5.7 \times 4.8$. Late fourth century.
Two vellum leaves, containing a few verses from the first three chapters of the $\Delta \iota \delta a \chi \grave{\eta} \tau \hat{\omega} \nu \delta \omega \dot{\delta} \epsilon \kappa \alpha$ à $\pi \sigma \sigma \tau o ́ \lambda \omega \nu$, supposed by some to be of Egyptian origin and now making its appearance for the first time in an Egyptian manuscript. The leaves, which are a good deal worn and discoloured, are detached, but originally may well have formed a single sheet, since the two interior edges follow roughly the same contour. In that case the quire included five sheets at least, eight leaves being required for the matter intervening between Fol. I verso and Fol. 2 recto, and would be more likely to have consisted of the unusual number of eight sheets, for the $3 \frac{1}{2}$ verses lost before Fol. I recto would occupy only three more leaves. This latter inference would of course be invalidated if the Didache was preceded by some other treatise, but the supposition of a large total number of leaves does not well accord with their proportions, which are remarkably smallsmaller even than in 840 . The book to which they belonged was one of the miniature volumes which seem to have been often preferred for theological works, though not limited to that class of literature (cf. e.g. P. Rylands I. 28). It may
perhaps date from the fourth century rather than the fifth. The hand is a medium-sized informal uncial, at its best somewhat similar to that e. g. of 1818 and the Cairo Menander ; on Fol. I recto it is markedly larger and more irregular than on the other three pages. That the writer was a person of no great culture is clear also from his spelling and division of words (e. g. $\epsilon \pi \iota \theta v \mu \epsilon \epsilon \omega \nu, v \mu \mid \epsilon \epsilon s$ ). $\quad \nu$ at the end of a line is commonly represented by a horizontal stroke above the preceding vowel, and the usual abbreviation of $\pi \nu \epsilon \hat{\varepsilon} \mu a$ occurs. There is no punctuation, but the end of a chapter is marked by a row of wedge-shaped signs followed by horizontal dashes. The apparent absence of pagination may be due to the poor state of preservation of the upper margins.

The Didacke has been preserved in a single MS. (M) of the middle of the eleventh century, discovered at Constantinople by Bryennios and edited by him in 1883 . It is supposed by Harnack to have taken its present shape about the middle of the second century (Lehre der azvölf Apostel, pp. 159 sqq.), but to have an older text, based ultimately on Jewish elements, behind it (cf. Gesch. d. altchristl. Litt. I. i. 86-7) ; and he finds indications of an earlier
 by Bickell, its first editor, the 'Apostolische Kirchenordnung ' and by Hilgenfeld (N. T.extra Canonem) ' Duae Viae vel Iudicium Petri ', as well as in an old Latin translation of Didache i-vi (the 'Two Ways') edited in 1900 by J. Schlecht, in both of which Did. i. 3-ii. I is omitted, though that omission may be otherwise explained (Gebhardt, ap. Harnack, Lehre d. swölf Apost., p. 281). But that in the fourth century at any rate the Didache stood practically as found in M was sufficiently indicated by the Apostolic Constitutions, a compilation generally supposed to have originated in Syria or Palestine between about A. D. 340 and 380, in the seventh book of which the Didache has been largely drawn upon.

In the existing paucity of evidence for the text, any addition is welcome, and a comparison of these early Oxyrhynchus fragments with $M$ and with the corresponding passages of the Apostolic Constitutions is an interesting study. Separated as they are in date by some eight centuries, it is hardly surprising to find several variations between M and 1782 , which offers one or two remarkable new readings. Of these the most striking is the insertion between
 бov тò $\pi \nu \epsilon \hat{v} \mu a$. $\pi \rho \omega ิ \tau о v \pi \alpha ́ \nu \tau \omega \nu$, which form a transition to the abrupt $\dot{\alpha} \pi \epsilon \in \chi o v$ of the accepted text. Other noteworthy variants are the omission of каi $\sigma \omega \mu a \tau \iota \kappa \hat{\omega} v$ (каi

 these novelties be appraised? The two last are not very convincing, and à $\pi \dot{\sigma} \sigma \chi$ ov for $\dot{a} \pi \in \dot{\epsilon} \chi o v$ in i. 4 certainly does not inspire confidence. On the other
hand the omission of a second adjective in i. 4 renders more intelligible the strange variation there between M and Const. Apost., and ärкоvє . . . $\pi \dot{d} v \tau \omega v$ does not look like an interpolation. Perhaps, then, Harnack's statement (op. cit. p. 172) that there is not the slightest trace of any alteration in the Didache during the two centuries which elapsed between its composition and embodiment in the Apostolic Constitutions may now need some qualification. With regard to the relation of M to Const. Apost., though in cases of divergence the former has generally the support of 1782 , there are two unexpected agreements with the latter in i. 3, тov̂тo for тò aủró and філєîtє for àyãâtє. Similarly, one coincidence occurs with Kav. ̇̀ккд $\eta \sigma$. (Hilgenfeld's Duae Viae) against M and Const. Apost., $\hat{\omega} v \delta \hat{\epsilon}$ for $\delta \grave{\epsilon} \hat{\omega} \nu$, which may be correct; a reading which Hilgenfeld ventured to adopt from that source is not, however, confirmed.

In the appended collation the texts as given by Harnack, op. cit., have been utilized, together with H. Lietzmann's convenient edition of the Didache (Kleine Texte 6), in which a reprint of Schlecht's Latin version is added to the apparatus.

Fol. 1.

| Recto. |  | Verso. |  |
| :---: | :---: | :---: | :---: |
|  | i. 3 |  | i. 4 |
| $\theta \nu \eta$ тоuto |  | $\epsilon \tau \iota \quad \sigma \epsilon \delta_{\epsilon l} \pi \pi$ |  |
| тоюочбıข $ข \mu$ |  | 10 ouvta $\sigma \omega \sigma \alpha \iota$ |  |
|  |  | бov то $\overline{\pi \nu \alpha} \pi[\rho] \omega$ |  |
| 5 ¢ tous $\mu$ ¢ $\sigma$ où |  | $\tau 0 \nu \pi \alpha \nu \tau \bar{\omega}$ |  |
| tas vpas каı |  | $\alpha \pi \sigma \sigma \chi{ }^{\circ} \tau \tau \nu$ |  |
| ${ }^{0} \chi \mathrm{X} \boldsymbol{\epsilon} \boldsymbol{\xi} \epsilon \tau \epsilon \in \mathrm{X}$ |  | $\sigma \alpha \rho \kappa \epsilon[l] k \omega \nu \in$ |  |
|  |  | ${ }_{5} \pi \iota \theta \nu \mu \epsilon \epsilon \omega \nu$ |  |

Fol. 2.
Recto.
$\epsilon \lambda \epsilon \gamma \xi \epsilon!\varsigma \pi \epsilon \rho!\bar{\omega}$
$\delta \epsilon \pi \rho o \sigma \in \nu \xi \in l$ ous
$\delta \epsilon$ ayan $\eta \sigma \epsilon!s$
$v \pi \epsilon \rho \tau \eta \nu \psi v \chi^{\bar{\eta}}$
20


тєкข $\boldsymbol{\nu}$ нои
$\phi \in v \boldsymbol{\gamma} \boldsymbol{\alpha \pi o}$

Verso.
ii. 7 .
$\llbracket \alpha \pi 0 \rrbracket \pi \alpha \nu \tau 0 \mathrm{~s}$
$\pi \rho \alpha \gamma \mu a \tau о s$
${ }^{2} 5$ тоу ${ }^{2} \rho о$ кає
оноov avtou
$\mu \eta \gamma \in L \nu 0 v$ opy $\epsilon$
iii. 2

入os $\epsilon \pi \epsilon \epsilon \delta \eta$ o $\delta \eta$
үєا $\eta$ оруך $\pi \rho 0 s$
30 Tov фovov

 $\pi о ́ \rho \nu o \iota ~ i n s t e a d ~ o f ~ e ́ t v ı к о i) . ~$
 according to the Egyptians, and Justin, Apol. i. i5.

8-12 aкоve . . . $\pi$ avt $(\nu)$ : there is nothing corresponding to these words in M or Const. Apost., which pass abruptly to $\dot{a} \pi \epsilon_{\chi} \chi$ ои $\tau \hat{\omega} \nu \quad \sigma a p \kappa \iota \kappa \omega ิ \nu \kappa \pi \lambda$. For $\sigma \omega \sigma a t$ то $\pi \nu(\epsilon v \mu)$ af. e.g.


 Apost. коб $\mu เ \kappa \omega \bar{\omega} \nu$ was adopted by Bryennios and preferred by Harnack (pp. 5, 172) who however hesitated to accept it in his text; cf. Titus ii. 12 a a $\rho \nu \eta \sigma a \dot{\mu} \mu \nu 0 \iota \ldots$. ràs коб $\mu \iota \kappa$ às $\dot{\epsilon} \pi \iota \theta \nu \mu i a s, 2$ Clem. xvii. $3 \mu \dot{\eta} \dot{a} \nu \tau \iota \pi a \rho \epsilon \lambda \kappa \dot{\omega} \mu \epsilon \theta a$ dंло̀ $\tau \bar{\omega} \nu \kappa о \sigma \mu \iota \kappa \bar{\omega} \nu \dot{\epsilon} \pi \iota \theta$. The variation in M and Const. Apost. as to the second epithet may perhaps be regarded as an argument for its omis-


16. $\epsilon \lambda \epsilon \gamma \xi \in$ is : so M. The $\xi$, though little of it remains, is practically certain, and oûs $\delta \hat{\epsilon}$
 Const. Apost. (vii. 5), like M, make no reference to $\tilde{\epsilon} \lambda \epsilon o s$, but are here rather compressed.

23. amo was inadvertently repeated in turning over the page. There seem to be traces of a bracket after the o and of a horizontal dash underneath the three superfluous letters, but this corner is so much discoloured and rubbed that it is difficult to be sure whether or how they were cancelled.
 to obviate the ambiguity in gender of $\pi o v \eta \rho o v$ (cf. the opposite rendering of the Latin ab homine malo), but on the other hand the homoeoteleuton would make the loss easy.
25. логұроv: so M, Кау. є̇ккд. ; какой Const. Apost.

avtov: so M, Каv. èккл.; aủrஸ̣̂ Const. Apost.
 the epexegetic clause. $\bar{\epsilon} \pi \epsilon \iota \delta \dot{\eta} \dot{\circ} \delta \dot{\delta} \eta \gamma \epsilon \mathfrak{\varepsilon}$ occurs three times in verses $4-6$ of this chapter.
1783. Hermas, Pastor, Mand ix.

$$
6 \times 9.3 \mathrm{~cm} . \quad \text { Early fourth century }
$$

This fragment, the fourth from the Shepherd to be obtained from Oxyrhynchus (cf. 404, 1172, 1590), consists of the lower portion of a vellum leaf containing a few verses from Mand ix. Seven lines are missing at the top of the verso, and on the assumption that the upper margin was of the same depth as the lower the height of the leaf when complete may be estimated at 13 cm . The hand is a round upright uncial of medium size and rather graceful appearance, which may be referred to the earlier part of the fourth century. There is no trace of ruling. One instance occurs of a stop in 1. 4. $\theta$ eós and кúplos are contracted as usual, but not ăv $\theta \rho \omega \pi$ os ( 1.5 ).

The leaf is a palimpsest, but the original text, which ran in the reverse direction, is so much obliterated that its identity has not yet been established. It was prose, written apparently in lines of much the same length as those of the Shepherd, and in a hand which looks very little earlier in date. Among the few words which have been recognized with the aid of a reagent are


This fragment is approximately contemporary with 1172 and 1599 , and shows a text of a somewhat similar type. It is not free from errors (e.g. 11. 5, 6), but in several places it is superior to the Codex Athous, here the only continuous Greek authority, and supports corrections which editors have adopted from other sources. For the passage covered by 1783, the testimony of the Athous (ca) and the Latin and Aethiopic versions is supplemented by a fragment printed from an early MS. by J. E. Grabe, Spicil. ss. Patrum, i, p. 303 (ed. 2), and extracts found in Ps.-Athanasius and Antiochus. In the collation below the transcript of the Codex Athous given by K. Lake in Facs. of the Athos fragments of the Shepherd of Hermas has been utilized, besides the editions of Gebhardt-Harnack and Hilgenfeld.

## Verso.

## Recto.

 ov $\mu \eta \sigma \epsilon[\epsilon] \nu \kappa \alpha \tau \alpha \lambda \epsilon \iota \psi \epsilon \iota \alpha \lambda \lambda \alpha \tau_{0}{ }^{\text {ix. }} 2$ $\alpha l \tau \eta \mu a \quad \tau \eta s \psi v \chi \eta s$ $\sigma o v \pi \lambda \eta \rho o$ форך $\sigma \epsilon \cdot$ ouk єбтוv o $\overline{\theta_{S}} \omega S$ ol
5 a $\nu$ Өрштои $\mu \nu \eta \sigma \iota к а к о и \nu \tau \epsilon s$
$\alpha \lambda \lambda$ avtos $\alpha \mu \nu \eta \sigma \iota \kappa \alpha \kappa \eta \tau о s \in \sigma \tau \iota \nu$
$\pi \alpha \nu \tau \omega \varphi \tau \omega\rangle \alpha[\iota \tau \eta \mu a \tau \omega \nu$ бov Mand. $\kappa \tau \omega \varsigma$ aıт $\eta \sigma \eta \pi \alpha \rho \alpha$ тои $[\overline{k] v} \epsilon \alpha \nu$
 ov $\mu \eta \lambda \alpha \beta \epsilon \iota s \tau \omega \nu$ aוт $\eta \mu a \tau \omega \nu$



1. $\tau \eta \nu] \pi 0 \lambda \nu \sigma \pi \lambda[a] \gamma \chi \nu L a \nu$ : so recent edd. with Grabe's fragment ; $\tau \grave{\eta} \nu \pi 0 \lambda \lambda \grave{\eta} \nu \epsilon \dot{v} \sigma \pi \lambda a \gamma \chi^{\nu}{ }^{\prime} a \nu$ ca, Ant(iochus), Athan(asius) Cod. Guelf. ( $\tau \dot{\eta} \nu \pi 0 \lambda \nu \epsilon v \sigma \pi \lambda$. Cod. Paris.).
 fragment).
 add from Grabe's fragment, Ant., Athan., both Latin versions, and the Aethiopic.
2. I. oi $\mu \nu \eta \sigma \iota$, with ca and Grabe's fragment ; the omission of oi (due no doubt to the termination of äv $\theta \rho \omega \pi \sigma \iota)$ is found also in Ant. and Athan. Grabe's fragment adds

 12. 5 in a passive sense.


єav: so Gebhardt-Harnack with Athan. Cod. Paris., the older Latin, and the Aethiopic ; ə̈ซa ằ ca, Hilgenfeld.
16. aırचoך: airìgns ca, Athan. Cod. Paris.
17. $\delta \varepsilon$ : so edd. with Athan. Cod. Paris., the Palatine Latin, and Aethiopic ; om. ca.

20. os: so ca, Ant. ; $\dot{\text { m }}$ Athan. Cod. Paris., om. Cod. Guelf.

## 1784. Constantinopolitan Creed.

$$
6.5 \times 19.8 \mathrm{~cm} .
$$

Fifth century.
This copy of the so-called Constantinopolitan Creed, which as being an enlargement of the Nicene Creed has commonly passed under the latter name, is still older than that of the Nicene Creed published in P. Rylands I. 6. It is written in an upright semicursive hand which may be referred to the second half of the fifth century. In $1.3 v$ of $\tau o v$ is written as a semicircle above the $o$ and a
 contracted, but not $\pi a \pi \eta \eta_{\rho}$, viós, or ă $2 \theta \rho \omega \pi$ os. o and $\omega$, as often happens in documents of this period (cf. e. g. 1130, which is approximately contemporary), are repeatedly interchanged.

The origins of this Creed are obscure. According to Nicephorus (Hist. Eccles. xii. 13) it was framed by Gregory of Nyssa, but the Acts of the Council of 381 , to which it is attributed, are not extant, and its first authoritative appearance is in the Acts of the Council of Chalcedon (A.D. 45I), by which 'the Creed of the 150 holy Fathers assembled at Constantinople' was reaffirmed. That the present copy was made not very long after that event would be a natural supposition. Apart from misspellings it agrees so far as it goes with the ordinary text; unfortunately it breaks off before the eighth article, in which the 'Filioque' was inserted at an uncertain date, is reached, though that addition is not likely to have been incorporated here.

```
f \pi\iota\sigma\tau\epsilon\nu\omega\mu\epsilon\nu \epsilon\ell[s] \epsilon\nu\alpha \overline{0\nu}\pi\alpha\tau\epsilon\rho\alpha \pi\alpha\nu\tauок\rho\alpha\tauо\rho\alpha 【\tauо\rho\alpha] \pio\imath\eta\tau\eta\nu [о]v\nuOv
\kappa\alphal \gamma\etaS opa\tau\omega\nu \tau\epsilon \pi\alpha\nu\tau\omega\nu к\alphal \alpha\omegaра\tau\omega\nu к\alphal \epsilon|\llbracket\epsilon\rrbracket\ \epsilon\nu\alpha \overline{\kappa\nu}\overline{I}\overline{\nu}\overline{X}\nu
\tau\omega\nu viov \tauov \overline{A\nu}\tau\omega\nu \muo\nuo\gamma\epsilon\nu\eta\nu \tauov \epsilonк \tauov \pi\alpha\tau\rhoos \gamma\epsilon\nu\nu\eta0\epsilon\nu[\tau\alpha \pi\rho]!
\pi\alpha\nu\tau\omega\nu \tau\omega\nu \alpha\iota\omega\nu0\nu \phi\omegas \epsilonк фо\tau\omegas \overline{0\nu}\alpha\lambda\eta0l[\nu0]\nu \epsilonк \overline{0u}[\alpha\lambda\eta0\iota\nuov
5 \gamma\epsilon\nu\nu\eta0\epsilon\nu\tau\alpha ov \pio\iota\eta0\epsilon\nu\tau\alpha \omega\muoov\sigma\iotao\nu \tau\omega [\pi]\alpha\tau\rho\iota \delta: ov [\tau\alpha \pi\alpha\nu\nu\tau\alpha \epsilon\gamma\epsilon\nu\epsilon
```


3. $\mu$ ovoyє $\eta \nu$ : this form of the acc. is a vulgarism common from the Roman period.
4. $\theta(\epsilon 0) \nu$ : the $\nu$ has been written over an original $s$, which being in darker ink looks at first sight like the later letter, but that this appearance is deceptive is shown by a $a \eta \theta$ 虽 $[\nu 0] \nu$.

## 1785. Homilies?

$$
\text { Frs. } 2+3 \quad 6.6 \times 13.8 \mathrm{~cm} .
$$

Fifth century.
A fragmentary papyrus leaf, apparently from a collection of discourses which at present remain anonymous. The style of Frs. 2-4 recto, concerning concupiscence, of which a series of Biblical instances is cited, recalls that of 1603, now identified as (Pseudo-)Chrysostom In decollationem Precursoris ( $\lambda$ ó $\gamma$. y $\theta$ ), but efforts to trace 1785 among the works of that voluminous author have so far not been successful. Other fragments of homilies cast in a somewhat similar mould are 1801-2. That the several fragments, of which a few are too insignificant to be worth printing, are all from the same leaf is likely though not certain. Frs. I-5 recto and Fr. I verso. I-6 are written in fairly regular slightly sloping uncials of medium size ; at Fr. I verso. 7 the hand changes, and from this point onwards approximates to cursive. Apparently 11. 5-6 are remains of a heading, and 11.7 sqq., where the second hand begins, are a fresh discourse, which is of a hortatory description and relates to reverence and godly fear. A fifthcentury date seems to be indicated, more especially by the second hand. The ink throughout is of the brown colour characteristic of the Byzantine period. A mark like an enlarged comma is employed with some freedom to divide words, and two or three instances of the rough breathing. occur on the recto, where also a high stop is once found ( Fr . I recto. 7).

## Fr. I recto.



0]avatos кaı [
 $\left.\delta_{\iota \kappa}\right] \alpha เ \omega \nu$ є $\nu \tau 0 \lambda \omega \nu \overline{\partial v} \alpha[$

] катєфроข $\bar{\sigma} \alpha[\nu$
? ó] $]$ ov . [.]ve кає a. [
] 抙 $\kappa \alpha[$
$\psi] u \times \eta \sigma[$

Frs. 2-4 recto.

```
            16 letters \epsilon\nu\epsilon\kappa\in\nu \sigmav\nuo]u\sigma![ [\sigma] ][[0v
```




```
    [\mu]\alpha\gamma\epsilon!\rhoо\nu к\alpha[\tau]\epsilon\psi\inv\deltaо\mu\alpha\rho\tau[v\rho\eta\sigma\epsilon\nu \tauо⿱ I }
    5[\sigma]\eta\phi є\nu\epsilonк\epsilon\nu [\sigma]v\nu0v\sigma\iotaa\sigma\muоv [a\pi\omega\lambda,0]\nu\tau[0 \piо\lambda
    [\lambdaol] a\pio \tau\etas \phi[\nu\lambda\eta]s B\epsilon\nu\iota\alpha\mu\epsilon\iota\nu [0]\lambda\iota\ell[0\iota \delta]} \epsilon\sigma[\omega]!0\eta
    [\sigma\alpha]\nu \epsilon\nu\epsilonк\epsilon\nu [\sigma]!![\nu]u\sigmai\dot{\alpha}\sigma\muo\mp@subsup{v}{}{\prime} ol \Sigmaо\deltaо\mu\epsilon\iota\tau\alpha\iota
    [\epsilon\nu]\epsilon\kappa\epsilon\nu \sigmav\nuov\sigmal\alpha\sigma\muov òl a\pio тоv Ka
    [. . . .]\mu[. .] є\nuєк\in\nu \sigmavvov\sigma\iotaa\sigma\muov o\iota €\varphi \tau\eta
10 [...\epsilon'\nu\epsilonк\epsilon\nu \sigmavvov\sigmaı\alpha\sigma\mu[0]v, \eta \gammav\nu\eta [\tauo]v
    [. . . . . . . . . .]g .[.] \epsilon-\xiov\sigma\iota\alpha\zeta\epsilonL \alphau![\tau\etaS ?] \alpha.!\eta\rho
    [. . . . . . . . . . ?v\pi]o тov ï&ıov [. . . ]. opy[. . . Fr. }
    [ I8 letters ]\sigma\epsilon[. ....]\nu \sigmaкv0[\rho\omega
    [\pi 25 ", ]vav Xo[
    27 "
```

Fr. 5.

## $\beta] \alpha \sigma \iota \lambda[$

loor
lup $\eta[$

Fr. I verso.
]. . [
] $0 \sigma \iota \nu \epsilon \xi \in \nu \alpha \nu[\tau \iota$
]a $\epsilon!\pi[\epsilon] \nu$ о $\overline{\theta_{S}} \kappa \alpha \iota$ סıa. [
]a! $\operatorname{\tau ovt[[.~.~.~.~.~.~.~.~.]~]~[~}$

]'
C 2


Frs. 2-4 verso.

```
    . [. .] . ! \lambda . . [
    \epsilon\xi़{ \alpha\rho\chi\eta\ oof[ I7 letters ]ov \gamma\alpha\rho \pi\alpha\nu[...
    .]€ \pi\epsilon\rho!\betao[. . . . . . . .]o . [.] . \epsilon\iota\varsigma \alpha\pi\alpha[\sigma\alpha]\nu \epsilonv\lambda\alpha\beta\epsilont[\alpha\nu .. 
```



```
5 .].[. .] \overline{K\nu}, .[.] . !. [.] \epsilonv\lambda\alpha\beta\etaS a\pio v[.] . T . a \epsilon0\nuovs [. . .
    .]\deltaa avt\omega\nu v\pio tov \overline{ov\nuO\nu a[....]. a \phio\betaov\mu\epsilon[\nuOS}
```



```
    \alpha\nu\alpha\rho\pi}
    \delta\epsilon[. .] . . \tau\omega фо\betaov \delta\epsilon тo\nu \overline{k\nu}k\alphal \epsilonv к\alpha\\[. . . . . . . . .
10 . . .] . \epsilon\xi{[. . .]кov \tauo\tau\epsilonl'\alpha\sigma[. . . .]p[
    . к]\alphaко\varsigma, \epsilon\phi[. . .] \epsilon\varphi \lambda\epsilon . .[
    .] }\gamma\in\nu\in\sigma\iota!\mathrm{ [,
    . . .] \phi[0]\beta\in[.] . [
```

Fr. 1 recto. That this fragment is to be placed above Fr. 2 is shown by the change of hand on the verso.
7. The first letter must be $a, \delta$, or $\lambda$, and if, as seems probable, the vestiges abore the line represent a rough breathing, óooù or $\bar{\jmath} \lambda o v$ is indicated, the word following perhaps being oov; otherwise $\delta$ où $\langle\rho]$ could well be read.
8. $\theta$ (so)s is doubiful, the cross-bar of $\theta$ being rather indistinct, and the form of the sign of abbreviation unusual. Possibly the oblique stroke might be taken as meant for a mark of division between ] $v$ and $k a t$, but it is rather farther away from the $v$ than would be expected, and with the stop above the line would also be superfluous; cf. however Frs. 2-4 verso. 7, where a somewhat similar stroke occurs apparently as a mark of punctuation.

Frs. 2-4 recto. The position of Fr. 2, giving the ends of 11. I-3 is certain, but that of Fr. 4, which contains the ends of ${ }^{\prime} 11.1^{2-15}$, with a vestige supposed to belong to the a of $a v \eta \rho$ in l. II , is less clear.
 be preferred if oc $\pi \rho \epsilon \sigma \beta \nu \tau \rho \rho o t$ is right. Eovanva is the spelling of BAQ; $\Sigma^{\omega} \sigma a \nu v a$ B rescr.
3. $a p\left[\chi^{\iota \mu}\right]$ $a \gamma \epsilon \epsilon \rho o v$ : so the LXX in Gen. xxxix. I.

5-6. The incident referred to is related in Judges xix-xx. At the end of 1.5 $\left.a \pi \omega \lambda \lambda_{0}\right] r\left[0 \pi 0 \lambda \lambda_{0 o 6}\right.$ is very conjectural, especially as there is barely room for [ $\left.\lambda o c\right]$ before amo in 1.6.
 and the angular symbol preceding or may be interpreted as referring to this loss, which was perhaps supplied in the margin.
8. Dr. Bartlet suggests that Ка . . . may be Kaтєрvaoú, , referring to Matt. xi. 23, but this can only be restored on the assumption of a misspelling.
II. The explanation of the dash between the $\varepsilon$ and $\xi$ of \{ $\xi$ ovara ${ }^{\prime} \epsilon t$ is not evident. There is a hole in the papyrus immediately below it. $v$ of $a v[\tau \eta s$ may be $\lambda$, e. g. $a \lambda[\lambda a \mathrm{o}]$.

Fr. 5. 3. A combination with Frs. 2-4. 1. $2[\mathrm{k}] a r \epsilon \psi \in v[\delta o \mu a \rho \tau] v \rho[[\sigma a \nu$ is possible, though unconvincing.

Fr. 1 verso. 4. The latter part of this line has apparently been washed out.
6. Whether part of an oblique stroke immediately after the lacuna belongs to a letter, e. g. $v$, or some other sign is doubtful.

Frs. 2-4 verso. 1-2. The margin being lost both here and in ll. 7-9, the point at which the lines began, though fixed with probability, is not quite certain.
7. o of tov has been corrected, perhaps from $\eta$.
8. $\phi \rho \rho[\nu \eta] \mu[a \tau \ldots$ : or possibly $\phi \rho \rho[\nu i] \mu[\omega \delta \eta s$, a form found in some MSS. of Philostratus 705 , which would suit the space rather better than $\phi \rho \rho[\nu \eta] \mu[$.
 doubtfully placed; cf. note on Frs. 2-4 recto. In 1. io the signs resembling inverted commas above $a \sigma$ (or $\mu$ ?) may perhaps be regarded as marks of cancellation.

## 1786. Christian Hymn with Musical Notation.

$$
29.6 \times 5 \mathrm{~cm} . \quad \text { Late third century. Plate } 1 .
$$

This interesting fragment of what is by far the most ancient piece of Church music extant, and may be placed among the earliest written relics of Christianity, is contained on the verso of a strip from an account of corn, mentioning several Oxyrhynchite villages and dating apparently from the first half of the third century, though later than the Constitutio Antoniniana, since some of the persons named are Aurelii. The text on the verso is written in long lines parallel with the fibres in a clear upright hand which approximates to the literary type but includes some cursive forms, e.g. the $\epsilon$ of [ $\pi]$ atc $\rho a$ in 1. 4. Above each line of text the corresponding vocal notes have been added in a more cursive lettering, whether by the same hand or another is not easy to determine. The character of both scripts appears to point to a date in the latter part of the third century rather than the early decades of the fourth. This hymn was accordingly written before either P. Amh. 2 or Berl. Klassikertexte VI. vi. 8, which are both assigned
to the fourth century. Unfortunately only its conclusion is preserved, and that very imperfectly, four lines out of the five being disfigured by large initial lacunae. Nevertheless the general purport of what remains is fairly clear. Creation at large is called upon to join in a chorus of praise to Father, Son, and Holy Spirit, and the concluding passage is the usual ascription of power and glory to the 'only giver of all good gifts'. The original extent of the hymn cannot be gauged from the recto, for though the strip evidently came from the latter part of the column of accounts, the breadth of this is unknown, and a second column, or more, may of course have followed.

The early date indicated by the character of the handwriting is reflected in the metre, which is purely quantitative and uninfluenced by accent. Owing to the mutilation of the fragment the metrical scheme cannot be closely followed, but the rhythm was apparently anapaestic and may be analysed as a series of dimeters, either acatalectic, catalectic, or brachycatalectic. A short syllable is allowed to replace a long at the end of a colon, and the first syllable of $\mathfrak{a} \mu \dot{\eta} v$ is lengthened metrigratia. It is noticeable that the metre of both P. Amh. 2 and Berl. Klass. VI. vi. 8 is analogous, and the anapaestic measure thus seems to have been a favourite one with early Christian hymnologists in Egypt. Perhaps, as in the Berlin hymn, pairs of cola formed a system.

The musical notation is generally similar to that found in the rather earlier papyrus published by Schubart in Sitzungsber. preuss. Akad. 1918, pp. 763 sqq., the text of which has been revised and discussed by Th. Reinach in Revue Archéologique, 1919, pp. II-27, and has been arranged in modern style by Prof. A. Thierfelder. ${ }^{1}$ The notes which can be recognized with certainty are eight, $\mathrm{R} \phi \sigma \circ \xi \iota \zeta \epsilon$. These all occur in the Diatonic Hypolydian key of Alypius, to which Reinach assigns also the Paean of the Berlin papyrus; that, however, is more probably to be regarded as in the Iastian key. As for the mode, there can be little doubt that it is the Hypophrygian or Iastian, as in the Epitaph of Seikilos and the Hymn to Nemesis of Mesomedes; cf. Gevaert, La mélopée antique, pp. 48 sqq. With regard to the character of the syllables and the corresponding notes, Reinach has observed that in the Berlin Paean a barytone syllable is always sung on a lower note than the succeeding accented final syllable, and that a circumflexed syllable has two notes at least. Neither of these observations holds in the case of $\mathbf{1 7 8 6}$, and the former indeed can hardly be maintained of the Paean either. On the other hand, two notes are assigned to a short syllable in one instance at least (1. 4).

In addition to the notes five signs are used, all of which are found also in the Berlin papyrus. (I) A horizontal stroke is placed above notes attached to

[^0]syllables which are long or scanned as such (for a possible exception see 1. 2, n.). (2) A curved stroke or hyphen, as in modern notation, is written below notes that are to be regarded as legato. (3) A symbol like a half-circle, written in the same line with the musical notes, is to be explained with Reinach as a form of $\wedge$, a sign given by Bellermann's Anonymus 102 and signifying a Xpóvos $\kappa \in v o ́ s$ or rest. According to the same ancient authority the duration of the pause was increased by the addition of various marks of length, and in $1786 \pi$, i. e. a double रóvos, is regularly used, whereas in the Berlin text the bare symbol only occurs. There are three instances of it (ll. $2,3,4$ ) corresponding with the metrical divisions; a fourth which is expected at the end of 1.4 possibly stood at the beginning of 1. 5. The purpose of (4) the colon (:), which is sometimes placed in front of a note or group of notes, is not very clear. Reinach (p.14) says that this is peculiar to the instrumental portions of the Berlin papyrus, and regards it as a diastole or sign of division bețween two cola. But the same sign is to be recognized more than once among the vocal notes of the Paean also, and in 1786 it has evidently nothing to do with the separation of cola. According to Thierfelder, l.c., it means two beats; at any rate, it probably affects the time in some way. (5) A single dot is frequently placed above the notes, and according to the anonymous

 sidered that in that passage the terms $\theta_{\epsilon}^{\prime} \sigma \iota s$ and ápots have become transposed, others, e.g. Blass, Bacchylides, p. 1 (so too Reinach, p. 6, n.), maintain its correctness. As Professor Stuart Jones observes, the fact that here, as in the Berlin papyrus, the symbol for the Xoóvos $\kappa \in \nu o ́ s$ is dotted, looks like a confirmation of the latter view. Apart from this however, if the metre of 1786 is rightly regarded as anapaestic, the use of the dots seems for the most part to favour the hypothesis that they denote thesis, and they were so interpreted, plausibly enough, by Wessely in the Orestes fragment at Vienna (Mittheil. Pap. Erz. Rainer, v. 65 sqq.). The dot associated with the xpóvos $\kappa \in \nu o s_{s}$ might possibly then be accounted for by catalexis. Unfortunately the Berlin papyrus throws little light on the problem, a consistent interpretation of the dots there having yet to be found. Schröder, Berl. Phil. Wocl. xl. 352, thinks that in the second of the fragments arsis is plainly meant. Both he and Thierfelder, who takes them to denote ictus, profess to distinguish two kinds of dot, a heavy and a light, but the distinction is probably imaginary.

A transcription in modern notation has been kindly supplied by Professor H. Stuart Jones.

3I letters
$\underset{\sim}{\alpha} \cdot[. ..] \cdot[]. a \rho[. .$.
2
28 letters
引i i $\phi$ l j $\phi a \in \sigma \phi \circ \rho a \quad \underset{\lambda}{\lambda}[\epsilon \iota \pi] \epsilon$

 ? $\pi \rho$ ]uтav $\eta \omega$ бเүат $\mu \eta \delta^{\prime} \quad \alpha \sigma \tau \rho a$




 аرпр кратоs alvos







1. Only slight vestiges of the musical notation are visible above this line.
2. $\pi \rho$ Juvav $\eta \omega$ : the word is somewhat unexpected and the mark of length on the second syllable is a difficulty, but this may possibly be connected with the fact that the $\eta$ has been corrected from $\nu$. The occurrence of $\eta$ for $\epsilon$ is common. To suppose that $\eta \omega=\tilde{\epsilon} \omega$ and that $\tau a \nu=\tau \dot{\eta} \nu$ or $-\tau \eta \nu$ is much more difficult.
$\phi$ аєбфорa: the surface above the note $\phi$ is damaged, and a dot has probably disappeared.
$\lambda[\epsilon \pi \pi] \in[\sigma] \theta \omega \nu$ is very doubtful ; the initial letter may be $\mu$ or $\chi$, and $\theta$ may be $\beta$, of which no other example occurs in the papyrus. $\mu \eta \delta^{\prime} \ldots \phi$. . ф $\epsilon \sigma \phi \circ \rho a$ can be constructed with $\sigma t \gamma a \tau \omega$, and another $\mu[\eta \delta] \in$ might stand at the end of the line ; or if . . . $\epsilon[\sigma] \theta \omega \nu$ is rightly taken as an imperative, this may belong to what follows.
3. Perhaps кк兀] потан $\omega \nu$ (sc. $\pi \eta \gamma a i$, or something similar), with a preceding mention of the sea, but the uncertainties are too many for a convincing restoration. $\lambda \in \iota$ (or $\chi \in \iota$ ?) is followed by a vertical stroke suggesting $\gamma$ or $\tau$, and the doubtful $\rho$ may be $\phi$ or $\psi$. $\quad \rho \circ \theta \iota \omega \nu$ is over an expunction.
4. A dot is probably to be restored above the notes on $\pi \nu \in v$, the papyrus having been rubbed here. The dots on the notes from $\chi^{\prime}$ viov to $\pi \nu \epsilon v \mu a$ are carried on in regular succession to those of the preceding words, as if there were no pause at $[\pi] a \tau \varepsilon \rho a$. Another dot is most probably lost above the second syllable of the first $a \mu \eta \nu$. A dot above the $a$ of кparos (a little below the $\nu$ of $\tau \omega \nu$ in l. 3) is ignored in the transcription, since it is more to the right of the note $\boldsymbol{\xi}$ than usual and would also interrupt the sequence. The note $\xi$ above a of $\delta v \nu o \mu e t s$ is very uncertain. $\delta v \nu a \dot{\mu}$ es is used of heavenly bodies (e. g. Matt. xxiv. 29 ai $\delta$. $\tau \hat{\omega} \nu$ oùpa $\bar{\omega} \nu$ : cf. also n. on l. 5) and sometimes of angels, but may here be quite general.
5. In the line of notes the second group : $\sigma$ is very doubtfully deciphered; the upper dot of the supposed colon must be supposed to have disappeared, and the lower one is rather large. The vestiges might be regarded as a single letter, but they then suggest nothing but a rather unsatisfactory $a$, which does not occur elsewhere in the piece and would be extraneous to the mode. A dot may be lost above the mark of length and others above $\phi \sigma \mathrm{R}$ and the , over the second syllable of $\delta[\omega \tau] \eta[\rho t]$; the surface is a good deal rubbed hereabouts.

With regard to the text of l. 5, the scanty vestiges well suit $\mu \circ \nu \omega$, but $\delta[\omega \tau] \eta[\rho \iota]$ is highly doubtful, though some such word is demanded by the sense. In the preceding lacuna the musical notes indicate a loss of seven syllables, of which the last three were an anapaest. One more syllable at least, however, seems necessary for the metre, and it is perhaps just possible that a note is missing between : $\sigma$ and $\sigma$, where there is a rather broad space and the surface
 cf. e.g. the eleventh prayer in the Greek morning service (Eúxo入óyıov тò $\mu \epsilon$ '́va) ö öt $\sigma \epsilon$ aivov̄at

 line appears to be extra metrum.

## II．NEW CLASSICAL FRAGMENTS

1787．SAPPHO，BOOK iv．
Fr．I $15.9 \times 9.4 \mathrm{~cm}$ ．Third century．Plate II
（Frs． $1+2,9$ ）．
The authorship of the following fragments，being（with P．S．I．123）the sixth distinct papyrus of Sappho so far obtained from Oxyrhynchus，is established by one certain and two other probable coincidences with lines previously extant； some isolated words attributed by Grammarians to Sappho also occur．To which of the available books among the nine of her lyrics they belonged is uncertain， but they may be assigned with some probability to the fourth．The metre is apparently the same throughout，a two－line strophe consisting of a repetition of the verse $\asymp ー \cup \cup-ー \cup \cup-ー レ レ ー レ ー \simeq, ~ w h i c h ~ H e p h a e s t i o n ~ 64 ~ d e s c r i b e s ~ a s ~$ an Ionic a maiore tetrameter acatalectic，adding that it was called Aioдıкóv from its frequent use by Sappho，from whom he cites Frs．76－7 as examples． Similar two－line strophes are described by Hephaest．III，II6－17，according to whom Sappho＇s second and third books consisted entirely of such systems，

 $-\cup \cup-\cup \simeq$ ：Hephaest．60）．Since the fifth book was of a different character， consisting partly，at any rate，if the Berlin fragments belonged to it，of poems in strophes of three lines，it seems that the only book to which the two－line strophes of 1787 ，which are entirely analogous to those of Books ii and iii，can be logically referred is Book iv．Perhaps this further resembled the two preceding books in the homogeneity of its contents；that supposition is not excluded by the fact that Hephaestion does not refer to Book iv in connexion with two－line strophes， and on the other hand accords both with his statement about the Aeolic tetra－
 of the present papyrus．But it is of course quite possible that poems in similar metres（cf．e．g．Sapph．60，62）were also included．

Like most of the papyri from this find， 1787 has suffered severely，having been torn into quite small pieces，which have not fitted together very well．The difficulty of the task of reconstruction，in which Mr．Lobel has rendered valuable assistance，is much increased by the fact that the remains of this roll were found
together with a quantity of other lyric fragments in an identical hand. There is a number of smaller pieces which cannot be assigned to one MS. or the other with any approach to security, and in these circumstances it seemed advisable to print here only such fragments as were shown by dialect or some other special indication to belong to the Sappho. A revised text of P. Halle 2, the source of which now becomes evident, is included for the sake of convenient reference. That fragment was no doubt abstracted and sold by a dishonest workman; script, metre, and date of acquisition all point to this conclusion.

The hand is a rapidly formed uncial of medium size and with a decided slope; that of 1788 is in many respects very similar. Stops in the high position occur, and accents, breathings, and marks of elision, quantity, and diaeresis have been freely added, as usual in papyri of lyric poets. Acute accents are sometimes so horizontal as to be barely distinguishable from marks of length. Two rarer symbols are a mark similar in form and position to a comma, to divide words (Fr. 8. 2), and the converse of this, a curved ligature below the line, which connects the parts of a compound word in Fr. 9. 4. Paragraphi are employed to mark off strophic couplets (cf. 1233. 1. ii) and a coronis to indicate the conclusion of a poem. The few interlineations occurring seem all to proceed from the original scribe, who may also be credited with at any rate many of the diacritical signs.

Remains of eight poems at least can be distinguished, and the number represented is no doubt considerably larger than this. It is noticeable that three out of the four poems of which the initial letter has survived begin with E, but the fact that in Fr. 3. ii E is succeeded by O , while not definitely excluding an alphabetical arrangement, is certainly not in favour of it. Of the individual pieces there is not much to be said, since their severe mutilation, except in one or two cases, prevents the line of thought from being followed with precision, and restoration cannot be attempted with any real chance of success. Fr. I gives the ends of lines of a poem of some length in which Sappho dwells on the advance of age and the inevitable approach of death, passing on to a declaration, in two verses cited by Athenaeus, that to be desirable life must for her have the accom-
 The second column of Fr. 3 included two complete poems, of six and five couplets respectively, in the former of which several persons, perhaps the poet's companions, were addressed, the other being an invocation, tantalizingly mutilated, to sleep. In Fr. 4 Sappho herself is addressed by name, as in Sapph. I and 59 and Berl. Klassikertexte, V. xiii. 2. Fr. 6 is notable for a political reference, rare in Sappho as common in Alcacus. Apparently some one is reproached for having chosen 'friendship with the daughters of the house of Penthilus', with
which the sweet song，the melody of birds，and the dewy leaves，spoken of in the following lines，are contrasted．The offender had perhaps been a member of the poet＇s circle，and is warned that she would no longer be welcome（l．2，n．）．Fr． 6

| Fr． $2(a)$ ． | Frs． $1+2 . \quad$ Plate II． |
| :---: | :---: |
| tr | ．． |
| ］$\lambda \in \epsilon \sigma \alpha[$ | ］$\backslash \delta \dot{a}[$ |
| ］．$\pi$ ¢́ $\rho$ ¢［ | ］ |
| ］． $\boldsymbol{\epsilon \prime \kappa}$ ．［ | ］．${ }^{\text {a }}$ |
| ．． | ］ $\mathrm{y}_{\text {yotos［．．．］}}$ |
| 5 |  |
|  |  |
|  |  |
|  |  |
|  |  |
| 10 | $] \pi \omega \nu \kappa \alpha \lambda^{\prime} \alpha \alpha \delta \omega \rho a \pi \bar{\alpha} \iota \delta \in \sigma$ |
|  |  |
|  |  |
|  | ］$\nu \tau 0 \tau \rho i \chi \chi \in \sigma \in \kappa \mu \in \lambda \alpha<\nu \alpha \nu$ |
|  |  |
| 15 |  |
|  | ］入入入аті́кє $\nu \pi$ оє́ $ا \eta \nu$ |
|  | ］ovסuvaтovyєขє $\sigma \theta a \downarrow$ |
|  |  |
|  | ］кат $\alpha \boldsymbol{\gamma} \boldsymbol{\sigma} \phi \dagger \in \rho \circ \iota \sigma \alpha[$ |
| 20 | ］ovv̌ $\mu \omega \sigma \epsilon \in \mu \alpha \rho \psi \in[$ |
|  |  |
|  | ］．$\mu^{\prime} \nu \alpha \nu \nu о \mu \iota \sigma \delta \in \iota$ |
|  | ］aıботабסоь |
|  | ］тоиิтока́ıцоь |
| 25 Toda［ |  |
| $\overline{\epsilon \pi i \nu}$ | ］．［．．．］yó ．［ |
| $\phi i \lambda \epsilon \iota \cdot[$ | ．．．． |

mentions Andromeda, a rival who is alluded to in several already extant fragments. In the small Frs. 33 and 34 further coincidences with previously known verses are probably to be recognized.


Fr． 3.
Col．i．
］
］
］
］
］．
］．$\% \sigma$
］．
］．．
］
］
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］
］
］
］
］•
］
］
］
］
］
］
］
I．${ }^{2} \rho \cdot \sigma^{\circ}$

Col．ii．
${ }^{\epsilon} \gamma \in \nu \tau[$
§ovyápк［
$\stackrel{\sigma}{\bar{j}} \epsilon \pi \tau \frac{\hat{\alpha}}{} \dot{\xi} \alpha a \tau \in[$
סафиабóтa［
$\overline{\pi a ̆} \nu \delta \alpha \bar{\alpha} \delta \iota o \nu[$
$\hat{\eta} \kappa \bar{\eta} \nu \circ \nu \in \lambda \hat{o}[$
каı $\tau \alpha i ̄ \sigma \iota \mu \in \nu \alpha[$
ò óóıтороб́⿱亠幺口 $\nu[$ ．．．．］．．［
$\left.\overline{\mu \nu ́ \gamma \iota \sigma \delta \epsilon \pi о \tau^{\prime} \epsilon \iota \sigma \alpha \iota \nu} \cdot \epsilon \kappa \lambda\right][$
$\psi \bar{v}^{\prime} \alpha \delta \alpha \gamma \alpha \pi \alpha \dot{\alpha} \tau \alpha \sigma v \varphi{ }^{\prime}$
T＇́avテ［．］．］$\delta \in \nu \hat{v} \nu \epsilon \prime \mu \mu[$
［．］．］$\kappa \in \sigma \theta^{\prime} a \gamma \alpha \nu a[$
$\times \bar{\epsilon} \phi \theta a \tau \epsilon \cdot \kappa \alpha \lambda \alpha \nu[$

$\phi[\cdot]!\tau \alpha \mid \sigma o ́ \tau \alpha \tau^{\prime} v \nexists \pi \nu 0 \sigma[$

ऽॅà $\chi \hat{\omega} \rho \iota \sigma \epsilon ́ \chi \eta \nu \tau \alpha \nu \delta \nu \nu \alpha \mu[$
$\overline{\epsilon \lambda \pi} \tau \sigma \delta^{\prime} \mu^{\prime} \epsilon \chi \epsilon \rho \mu \eta \pi \epsilon \delta^{\prime} \epsilon \chi \eta[$

ọソүа́ркє́оขои́тш［．：
$\alpha \theta$ ưp $\mu a \tau \alpha \kappa \alpha \lambda,[$



Fr． 4.
［．．．．．］．$\sigma!\tau a[$
［．．．．．$] \rho \rho \mu \epsilon$
［．．．．．］$] \in \lambda a \sigma[$

Fr． 5.

Fr. 3.
Col. i.
Col. ii.

]ns
].
]..
]
]
1
1
]
1
1
]. 6

$]$
1
1
]
] $\eta$ pos.

Fr. 4.
[. . . . .]. $\sigma \iota \tau \alpha[$
[. . . . .] $] \rho \mu \mu$ [
[. . . . .] $\delta \in \lambda a \sigma[$

Fr. 5.
[. .] $\omega \nu \quad \mu \alpha \kappa[$
[к]ai тоиิт' '̇тเкє. [


```
[.]\rhoo . \eta}\nu\nu\epsilon\mu\epsilon
    5 \psi\alpha\pi\phiо\iota\sigma\epsilon\phiı\lambda[
        ки́\pi\rho\omega!\beta[.]\sigmaí\lambda[
```



```
        [.]\sigma\sigmao\iota\sigma\phi }\epsilon\in\omega\nu
        \pi\alpháv\tau\overline{\alpha}\iotaк\lambda\epsilonо\sigma[
    10 र्र\alphá\iota\sigma\epsilon\nu\nu\alphaX }\epsilon\rho
        . p.[. . . . . .] . \\pi
```

Fr． 6.
］$\sigma \in \mu^{\prime} \kappa \alpha$
］$\epsilon \lambda \alpha[. . . .] a. ́ \sigma \sigma^{\prime} \epsilon \gamma \omega v \kappa \in \hat{a} \sigma \omega$

］$\delta \alpha \kappa \alpha[. \cdot.] \tau \rho о \pi \epsilon \cdot \alpha \mu \mu \alpha[$
$5] \mu \in \lambda[..] \tau \iota \gamma \lambda u ́ \kappa \in \rho о \nu$ ．［
$] \bar{\alpha} \mu \in \lambda \lambda \iota \chi \circ \phi \omega \nu[$
$] \delta \epsilon \iota \cdot \lambda \iota \gamma \nu \rho \bar{\alpha} \iota \delta^{\circ} \alpha \prime \eta[$
］$\delta \rho \sigma \sigma[\cdot] \in \sigma \sigma \alpha[$

Fr． 8.
］$\alpha \theta \alpha \nu \alpha[$
］$\rho \alpha, \sigma \in[$
－］$\lambda_{0} \nu$［
］$\in \delta o \iota \sigma!\varphi[$
5］］$\alpha \in \iota \sigma \in \nu[$

$$
\text { ]aı } \gamma \iota \nu \eta[
$$

］ $\mathrm{p} \alpha \kappa[$
$0 \nu \mu \alpha \nu \epsilon \phi i ́ \lambda \eta \sigma[$
5 ขvข $\delta^{\prime} \epsilon \nu \nu \epsilon \kappa a[$

ovסє $\iota \pi o ́ \lambda v[\cdot] \epsilon \cdot[$
［．］$] \delta^{\prime} a ́ d$

$$
\text { Fr. } 7
$$

］$火 \gamma^{\alpha} \rho \mu^{\prime} \alpha \pi \nu \tau \alpha \sigma[$ ＇］$\mu \omega \sigma \delta \delta^{\prime}[$
 ］aбāva入ítpa［ ］$\delta \rho о \mu \epsilon \delta \alpha \nu[\cdot]$－［ ］$] a \ldots \times a[$
 ］opovovкатьб ］$\tau v v \delta \alpha \rho i ́ \delta \alpha u[$ ］xарієлт＇$\check{\alpha} \cdot[$ ］$\eta \kappa \in ́ \tau \iota \sigma \nu \nu[$ ．$\beta \cdot{ }^{\circ} \cdot \kappa \eta \cdot$ ］．$\alpha[. \cdot] a[$

Fr．9．Plate II．
］ $0 \delta \in ́ \rho \kappa \in \nu \in \pi \omega \mu \sigma \sigma \sigma[$
$] \nu \hat{\epsilon} \tau \tau \cdot \tau \alpha \nu \pi \alpha i ̂ \delta a \delta \in[$
$] \beta \rho[\cdot] \tau \alpha \nu \kappa \grave{\alpha} v x$ 它 $P \rho i \theta[$

$$
] \in \nu[. . . . .] \pi \alpha \rho \in[
$$

$$
\begin{aligned}
& \text { Fr. } 6 . \\
& \text { ] } \sigma \epsilon \text { Míкa }
\end{aligned}
$$

$$
\begin{aligned}
& \text { ] } \nu \text { фı } \lambda o ́ \tau\left[a \tau^{\prime}\right] \text { グлєo } \Pi \epsilon \nu \theta \iota \lambda \eta{ }^{\prime} \alpha \nu
\end{aligned}
$$

> ] $\mu$ é $\lambda[o s]$ тı $\gamma \lambda$ úкє $\rho o \nu$. [ ]a $\mu \in \lambda \lambda \iota$ хó $\phi \omega \nu[$ os
> $\dot{\alpha} \epsilon i ́] \delta \epsilon \iota \cdot \lambda i \gamma v p a \iota \delta^{\prime}$ än $\eta[\delta o \iota$ ] $\delta \rho \circ \sigma[0$ $] \in \sigma \sigma \alpha[$
oủ $\mu \grave{a} \nu$＇́ $\phi i ́ \lambda \eta \sigma$ l
5 ขิิข $\delta^{\prime}$ ย̆ $\nu \nu \epsilon \kappa \alpha$［
тò $\delta^{\prime}$ ätcoov oủj［ oủḋ̀̀ $\pi$ ó̀入v［．］．［
［0］úó＇á［

Fr． 7.
？ка］i $\gamma \alpha ́ \rho ~ \mu^{\prime} \dot{\alpha} \pi \grave{v}$ тâs［
v＇］$] \omega s \delta^{\prime}$［

］ă $\sigma \alpha \nu$ á入íтpa［ ＇A $\lambda] \delta \rho о \mu$ е́ $\delta \alpha \nu$［．］．［
］$\tau \alpha$ ．．к к $\alpha$
$\tau] \rho o ́ \pi o \nu \quad$ á［ ］opọ̀ oủ катí⿱［X
Tuv $\delta a p i \delta \alpha u[5$
］X ${ }^{\alpha \rho i ́ \epsilon \nu \tau ' ~} \alpha$ ．［
$\mu] \eta \kappa \epsilon ́ \tau \iota \quad \sigma v \nu[$ ］．$\stackrel{\beta}{a}\left[. .^{\beta}\right] a[$

Fr． 8.
］$\dot{a} \theta a v a[T$
］$¢ \rho \alpha \sigma \in$
］र्ข
］ $\bar{\delta} \circ \circ \sigma \sigma \iota$［
5 ］$a \theta \in \iota \sigma \in \nu[$
］$\alpha \iota \downarrow \iota \nu \eta[$
］$\nu a \kappa$［

Fr． 9.
］ $0 \delta \epsilon ́ \rho \kappa \in \nu$＇̇ $\pi \omega \mu \mu \sigma \sigma \sigma[$

？$\left.{ }^{\alpha}\right] \beta \rho[o ́ 0] \tau \alpha \nu \kappa \alpha \dot{\alpha} \nu \quad \chi \in \rho \iota \theta[$
］$\epsilon \nu[$ ．．．．．］$\pi \alpha \rho \in[$


Fr． 13.
］a $\mu a \lambda \lambda[$
］$\nu \alpha \mu[$
$] \nu \delta^{\prime} \epsilon i \mu^{\prime} \epsilon[$ ］$\rho \sigma \sigma \mu \in \nu[$ ＇］$\lambda \iota к$＇v $\quad \alpha \alpha[$ ］．．［．］$\beta a[$ ］$\sigma \gamma \alpha \rho \in \pi \alpha v[$ ］$\mu \boldsymbol{\nu} \kappa \alpha \pi \cup \gamma \nu \epsilon[$ ］ap $о$ оиіабß̣［
10 ］$\alpha \theta \eta \nu \chi$ оро $\nu \cdot \frac{1}{a} \alpha[$ ］$\delta \in \lambda i ́ \gamma \eta \alpha \nu[$ ］aтóv $\sigma \phi<[$ $] \pi \alpha \nu \tau \in \sigma \sigma![$ ］$\in \pi[\cdot]$ ．［

Fr． 14.
］$\alpha \mu \mu[$
］！кa！［
］тоїбаї［
］к $\lambda \in \eta \delta \circ \underline{[ }$
5 ］．$\pi \lambda о к \alpha \mu[$
］$\epsilon \sigma \delta^{-1} \mu \alpha[$
］a $\nu \theta \rho \dot{\omega} \pi[$
］$\lambda \nu \mu \alpha \iota \nu$ ．［
］t $\in$ Kaıग！
Fr． 15.
］ $\boldsymbol{r} \sigma \sigma \in \sigma[$ ．［
］та⿱亠乂а［
$\delta$
］．$a \tau \epsilon ́ p a[$
］лока［
5

Fr． 17.

Fr． 16.
］Bposo［
$] \in \nu \theta[$
］$\rho \alpha \iota \mu[$
]
］．$\theta!\cdot$ ．［
］$\nu a ́ \iota \sigma \times p[$ ］
5 ］$\mu \mu o t$ ］ $\boldsymbol{\top} \epsilon$ ］Ji［．


Fr. 20.
Fr. 18.
Fr. 19.
Col. i.
Col. ii.
]. oo $\delta \in[$
] $\tau \alpha v \tau \alpha \underset{\lambda}{[ }$
] $\lambda \alpha \iota \sigma \iota \mu[$
] $\pi \lambda \hat{\grave{\eta}}^{\prime} o \nu$ 。 $[$
5 ] $\alpha \mu \phi[$

1. $\sigma \theta \in o$.
] $¢ \rho \omega \sigma \cdot[$

Fr. 21.

$\frac{\phi[ }{\xi \alpha[ }$
5

| $\frac{o \pi[ }{\bar{\eta} \lambda \underline{[ }}$ | $5 \bar{\tau} \cdot[$ |
| :--- | :--- |
|  | $\cdot$ |

T]

Fr. 26.
Fr. 27.
] [
] $\mu \eta \tau \in[$
]óía८ $\sigma$ ac
] $\in \cdot \cdot \cdot \alpha \lambda \lambda[$
5 ] $\rho \rho a[$
][

Fr. 28.
Fr. 29.
] $\alpha \mu о![$
] $\alpha \mu \mu \alpha[$
] $\nu \pi \epsilon[$
] $\lambda \eta \nu[$
$5] \tau \epsilon \epsilon \in$
] $\mu 0 \nu \omega[$
] $\mu \dot{\omega}$ [
]. [

Fr. 24.
Fr. 25.

$\left.\frac{[.]}{\kappa \alpha[ }\right]$
$\frac{\tau \alpha c}{\tau \alpha[ }$

Fr. 23.


Fr. 18.
Fr. 19.
Fr. 20.
Col. i. Col. ii.

| ]. ov่ $¢ \in[$ |
| :---: |
| ] таиิт $\alpha \lambda$ [ |
| , |
| ] $\pi \lambda$ ṅovı |
| $]^{\prime} \dot{\alpha} \mu \phi[$ |
| ]. $\sigma \theta \in ⿱$. |
| ¢ow |

Fr. 21.
$\quad \dot{\alpha} \lambda[$

${ }^{\prime} E_{\gamma[ }[$
$\phi[$
$\xi a[$

Fr. 22.
$\dot{\alpha}[$
$\pi[$
$\sigma u[$
$\kappa[$
$5 \tau$. [
5
$\ddot{\eta} \lambda[$
$\tau$

Fr. 26.
Fr. 27.
Fr. 28.
Fr. 29.


Fr. $3^{1 .}$


Fr. 33.

$$
] \alpha \pi \dot{v} \theta \in \sigma \theta[
$$

] $\chi$ เ $\sigma \tau \alpha$.
$]^{\prime} \cdot \mu[\llbracket!] \pi[$
] $\in \rho \theta \in \sigma[$
$5]^{\prime}[.] \times!\sigma[$

Fr. 34.
Col. i.
$\kappa \alpha ́ \iota \tau ' \epsilon[$
$\mu \eta \delta \in \nu[$ $\nu v \nu \delta^{\prime} \alpha[$
$\mu \eta \beta o \lambda \lambda \epsilon[$
5 [. .] $] \rho \rho \rho \phi 0[$

Fr. 37.
] $\omega \nu \kappa[\cdot \cdot] \cdot[$
] รоvóvє $¢$ [ ]
] $v$ ]
]

Fr. $3^{8 .}$
] $\pi \alpha \dot{\alpha} \mu \in \nu \alpha[$

Fr. 35 .
Fr. 36.
Col. ii.

]. áı $\tau$ [ $] \lambda^{\prime} \alpha \nu \theta \iota \mu \epsilon[$ ] $\nu \omega \omega^{\prime} \mu \in \theta^{\prime}$ or
] $\tau^{\prime}{ }^{\prime} \omega \sigma \tau о \pi \epsilon ́ \lambda \eta[$

Fr. 39.
] . $0 \iota \pi \lambda v$. [
]тєтока[

Fr. 40.
]. $!$
$\left.{ }^{*}{ }^{1}\right] \lambda \beta o \nu$

Fr. 30.
Fr. $3^{1 .}$
Col. i.
$\mu] \in \rho \iota \mu \nu a[$ ] $\gamma \eta \nu$ ].. ко[ ]ar

$$
\begin{gathered}
\mathrm{j} \sigma \theta \eta \nu \\
\mathrm{~J} \cdot \mathrm{~s} . \\
\mathrm{]} \\
\mathrm{j}
\end{gathered}
$$

Fr. 32. Col. ii.


] ${ }^{\epsilon} \tau^{\prime}$ a $\tilde{U}^{\prime}$

Fr. 33.



Fr. 34.
Fr. 3.5
Fr. 36.
Col. i. Col. ii.
каi $\tau^{\prime}$ E
$\mu \eta \delta \in \nu[$

$$
] \lambda^{\prime} a \hat{v} \theta \iota \quad \mu \in[
$$

$\nu \hat{v} \nu \delta^{\prime} \dot{a}[$

$$
] \nu \omega \dot{\omega} \epsilon \theta^{\prime} \text { ot }
$$

$\mu \eta)^{\beta o ́ \lambda \lambda \epsilon[0}$
5 [ $\epsilon \dot{v}] \mu \circ \rho \phi 0[\tau \epsilon ́ \rho \alpha \kappa \tau \lambda$. ?


$$
\text { ]. ait }[
$$

$$
] \delta \eta \hat{v} \tau^{\prime} \epsilon \in \pi \tau[
$$

$$
\text { ]a } \gamma \grave{\alpha} \rho \text { éx } \times a ́[
$$

$$
] \in \nu[
$$

Fr. 37.
Fr. $3^{8 .}$
Fr. 39.
Fr. 40.
$\underset{\sim}{]} \omega \nu \kappa[. \cdot] \cdot[$
$\pi \epsilon] \pi a ́ \mu \epsilon \nu a[\iota$
] $\tau^{\prime} \ddot{\omega} \sigma \tau^{\prime}$ on $\pi \in ́ \lambda \eta[0$ ?
]. or $\pi \lambda v \cdot[$
]. [
] $\operatorname{To\nu }$ ơ้ $ย \in$ [
]тєток ${ }^{[ }$
$a ̈ \nu \rho] \lambda \beta o \nu$


$$
\begin{aligned}
& \text { Fr. } 44=\text { P. Halle } 2 \text { (Dikaiomata, pp. } 182 \text { sqq.). }
\end{aligned}
$$

$$
\begin{aligned}
& \text { ] } \theta \text { є́ } \lambda^{\prime} \omega \dot{\omega} \tau \alpha \check{\alpha} \alpha \dot{\alpha} \iota \sigma \check{\alpha} \nu[ \\
& \text { ]. є } \sigma о \nu \nu о \eta \mu \mu \alpha[ \\
& \text { ]єт } \omega \nu \kappa \alpha \lambda \eta \mu \iota \\
& 5 \quad] \pi \epsilon \delta \alpha \theta \nu \mu о \nu \alpha i \psi \alpha[ \\
& \text { ] } \sigma \alpha \pi \nu \chi \eta \nu \theta \epsilon \lambda \eta \sigma \eta[ \\
& ] \rho \epsilon \mu \circ \iota \mu \alpha \chi \in \sigma \theta \alpha[ \\
& \text { ] } \lambda \iota \delta \alpha \dot{\nu} \alpha \iota \pi i \theta \in \iota \sigma \breve{\alpha}[ \\
& \text { lı } \cdot \sigma v \delta \epsilon \hat{y} y \alpha \rho \circ \iota \sigma \theta \alpha \\
& \text { 10]є́єєเта!! } \lambda \lambda \epsilon \text {. . } \\
& \text { ]€ } \lambda \alpha \sigma[
\end{aligned}
$$

Fr. 45.

$$
\overline{\sigma \alpha \pi[ }
$$

Frs. $1+2.8$. The end of this line is difficult. Either Jaiv or $\bar{a} \nu$ may be read, and the letter following óv has a rounded base which, if the line is to scan, seems consistent only

```
    ] ă\betaposs \epsiloń\pi\iota\chi\alpha[ ] ö\lambdaка\nu\epsilon.[ ] ú\pi' \alphä[ ] \alpháкоú\eta\nu
    ]\alpha\nu 'A\rho\tau\epsilon\mu[[ . . . . . . . . . . . . ] \alphaû\tau\alpha\nu
```

5 ] $\nu \beta \beta \lambda$ [

Fr. 41.

? yúv]aıkı $\pi[$
]iva[
] $\delta 0 \sigma \in[$
$5 \quad] \rho \mu[$
]

Fr. 42.

]úo. [
] $\in \in[$

Fr. 43 .
$[.] \delta \omega \cdot[$
тó̀ $\mu$ [

Fr. 44 = P. Halle 2.
] $\tau \dot{\text { un }}$ oi $\sigma \alpha$
] $\theta^{\prime} \lambda^{\prime} \hat{\omega}^{\prime} \nu \tau^{\prime} \alpha \dot{\alpha} \pi \alpha i ̈ \sigma \alpha \nu$
$\left.\tau_{\epsilon}\right] \lambda \epsilon \sigma о \nu \nu$ oo $\eta \mu \mu \alpha$
] $\epsilon \tau \omega \nu$ к $\alpha$ д $\eta \mu \iota$
] $\pi \epsilon \delta \dot{\alpha} \quad \theta \hat{v} \mu o \nu$ ain $\psi a$
on $\sigma] \sigma \alpha$ $\tau \cup ́ \chi \eta \nu \quad \theta \in \lambda \eta \dot{\eta} \eta[(s)$

$\chi] \lambda \iota \delta \alpha ́ v \alpha \quad \pi i \theta \epsilon \epsilon \sigma \alpha[$
]• $\sigma \dot{v} \delta^{\prime} \epsilon \hat{v} \gamma \dot{\alpha} \rho$ oi $\sigma \theta \alpha$

] $\in \lambda \alpha \sigma[$

Fr. 45.

$$
\begin{aligned}
& \sum \alpha \pi[\phi o v ̂ s \\
& \mu \in[\lambda \hat{\omega} \nu \delta ?
\end{aligned}
$$

with $\sigma$ or $\theta$. The division ? ]ávúóv $\sigma$ is thus suggested, but neither $\sigma \in$ nor $\sigma 0[]$ is satisfactory, though perhaps there has been some alteration.
9. $\sigma \tau[\dot{v}] \mu \mu[\tau \iota]$ or $\sigma \tau[\dot{v}] \mu a[\sigma \tau]$ appears inevitable; the latter suits the size of the lacuna the
 Alc. 35. 2.

 perhaps to be recognized also in Babrius 115.4.
 cf. 1. 17, where there is a similar doublet of 1231. 1. i. 33, and Fr. 7. 3. Either Sappho was rather forgetful, or she did not mind repeating herself.

14. Yóva: cf. Alc. 39. 7 yóva Éípos äJ́sє.
17. Cf. note on 1.12 above. With regard to the accent of $\gamma^{\prime} \hat{\nu} \epsilon \theta a a$, the remark of Wilamowitz, Sappho und Simonides, p.99, is mistaken, the original edition of 7.6 being correct, and the appearance in the facsimile of an accent on the second syllable being due, as stated by Mr. Lobel, who has recollated the original, to a displaced fibre. There is therefore no conflict with 1233. 8. $4 \lambda \dot{\lambda} \theta \in[\sigma \theta] a t$, and the note on 1231. 1. i. 33-4 is to be amended accordingly.

18-19. The idea here may well be that old age follows youth as inevitably as night
 symbolizing, death). a of $\phi$ foowa was probably the final letter of the line, but the surface of the papyrus is damaged.
 doubt.

24-5. These two verses are quoted by Athen. xv. 687 A (=Sapph. 79) каiтot $\Sigma a \pi \phi \dot{\omega}$,


 vikeia rīs a $\dot{\rho} \rho \tau \bar{\eta} s$. Various attempts at restoration have been made, but, as is now seen, Blass
 as a complete verse, in which the only alteration needed is $\tilde{\varphi} \rho \omega \bar{a} \dot{a} \lambda \lambda i \omega$ (so Blass: cf. Fr. in.
 be supplied after áßpoovivav, of which the two last are roîto. How the lacuna remaining, a dactyl of about 6 letters, should be filled is not obvious. If toîro $=$ tò $\dot{\alpha} \beta \rho o ́ v$, this was
 of toîto, as ádíye. The papyrus may of course have agreed with Athen. in the spelling фi $\lambda \eta \mu \mu^{\prime}$, but кá $\lambda \mu \mu$ is written in Fr. 44. 4.

That the small fragment containing the beginnings of $11.25-9$ is rightly placed can hardly be doubted. The fact that 1.28 is the last of a column helps to confirm the coincidence of the letters $\tau 0 \lambda$ [ in 1.25 .

Fr. 2 (a). This fragment has been included on account of its similarity on both sides to the upper part of Fr . I ; but that it belongs here is not certain.

Fr. 3. ii. 4. ठúфuas: or đá申vas?
6. A dot in front of the line seems meaningless and may be accidental.
II. It does not seem possible to read téauta, as demanded by the metre. For the spelling with $\epsilon$, which seems to be the regular form in the papyri when the first syllable is short, cf. 1231. 14. 4, 1233. 2. ii. 5, \&c.
13. For the small marginal cross cf. Fr. 35. ii. 6 and 841 . introd.
15. e. g. $\mu \epsilon \lambda a i \nu a[s$ dià vúктos or $\mu \in \lambda a i v a[\iota s ~ \pi \tau \epsilon \rho u ́ y \epsilon \sigma \sigma \iota \nu$.

18. $\zeta \dot{a} \chi^{\hat{\omega}} \rho \iota \stackrel{\check{\epsilon}}{ } \chi^{\eta \eta \nu}$ : the tmesis is indicated in the papyrus by the accentuation.
20. $\nu[$ or $\chi[$ may be read in place of $\lambda$ [.

Fr. 4. 2. Possibly 'A $\nu \delta \rho o \mu e[\delta a$, whose name recurs again in Fr. 7. 5; as Lobel

 into connexion with ll. 5 sqq.
4. The vestiges of the fourth letter are consistent with $\zeta$, $\xi$, or $\tau$, but no satisfactory restoration suggests itself.
6. Below the remains of the initial k there is a spot of ink which might well be the extremity of a paragraphus, but this would be out of place unless indeed these lines were in a different metre. A paragraphus may have disappeared below 1. 7, as there is little left of the $\kappa$ at the beginning of the line.
9. The supposed acute accent on the first $a$ is particularly badly formed, the righthand extremity being turned downwards; but it is difficult to see what else can be meant.
10. For the doubled $\nu$ of $\epsilon \in \nu$ cf. e.g. 1233. 2. ii. 8, 1360. 1. 10. $\mu \in \lambda \dot{\lambda} \theta \rho \iota \iota \sigma \iota, \ldots$ ठóرotбıv or some synonym may be supplied.

Fr. 5. 3. ìoф $\phi \dot{\omega}$ tos, which must be scanned as a quadrisyllable, is suggested as accounting more naturally for the correction of the accent than e.g. any part of ojoopuסvós.
7. $\epsilon \cdot\left[\right.$ : perhaps $\epsilon^{\prime}$.

Fr. 6. 1. Míxa seems best taken as a proper name, especially as $\sigma \mu \hat{i} p o s$ or $\mu i k p o s$ is well attested for the Lesbian poets (Sapph. 34, 1233. 24. 2, 1234.6.8). Miкa is given by the Ravennas in Aristoph. Thesm. 760, and Miккa is not infrequent. It is tempting to regard Miкa as the name of the person addressed, but the accent is against this, since Miкa would
 To disregard the accent in a passage so defective is unjustifiable, and Miкı may be the name of a third party: 'Mica wishes to bring you here, but I will not receive you'. $\sigma \in$ can hardly be Sappho herself, with a different second person in the next line.
2. $\epsilon \gamma \omega v \kappa$ is analogous to e.g.1231. i. i. $23 \epsilon \mu \nu a^{\prime} \sigma \theta^{\prime} a[\lambda \lambda a]$, 1234. 1. $11 \pi \hat{\omega} \sigma \lambda u \nu$. The practice of making the written text represent the number of spoken syllables may be mistaken, but it is not 'modern' (Wilamowitz, Safpho und Simonides, p. 82).
3. The mark of length on the a indicates that $\Pi_{\epsilon \nu} \theta_{i} \lambda \dot{j}_{a v}$ is fem. gen. plur., in agreement with some such word as $\pi a i \delta \omega \nu$; cf. Frs. $1+2$. II n., and for the adj. חev $\theta_{i} \lambda \eta o s$, 1234. 6. 10.
4. кк[кó]T $\rho o \pi$ ' seems probable, though the letters aкo must have been rather spread out to fill the lacuna. $\lambda$ or $\chi$ might be read in place of $a$.

 the similar passage Philostr. Im. ii. i should now disappear until otherwise attested. 1
 in Sapph. 39.

Fr. 7. 3. Cf. Sapph. 2. I ívos $\theta^{\prime} 0 \omega \sigma \iota$.
4. àıтрa: a very small speck on the edge of the papyrus after the second $a$, if it is ink, may be a medial stop, or, possibly, a vestige of e.g. a final $\nu$. The fem. àııтp' occurs in Semonides 7. 7, and cf. Fr. 32. 2 below.
5. For 'Av] ${ }^{2} \rho \circ \mu$ é $\delta a \nu$ cf. Sapph. 4 I, 58.
6. There are perhaps only two letters, e. g. $\mu a$ or $\nu a$, between $\tau a$ and $\kappa a$.
8. Not " ${ }_{\mu}$ < epov .
12. Probably ]a or ]ja. The overwritten letters enclosed between dots are variants added by the original hand.

Fr. 8. 3. The supposed mark of length may be an acute accent.
Fr. 9. This fragment is composed of two pieces, the combination of which seems certain, although 1.1 is difficult and 1.3 must be emended in order to scan. The points of junction are, l. I $\in\{\pi, 1.2 \pi \mid a, 1.3$ кalv.
I. Joo $\delta \rho \kappa \kappa \nu$ is puzzling. $\rho$ is more probable than $\gamma$, which is the only alternative and also difficult to interpret. If $\epsilon \pi \omega$ is right, the $\omega$ was rather smaller than usual, but $\boldsymbol{\epsilon} \omega$ is not more attractive.

Fr. 10. 5. The high stop is not certain, being on the edge of the papyrus; it might be the vestige of a letter.

 " $\rho[$ [avtes are other possibilities.

Fr. 12. 6. The remains of the first letter suit $\zeta$ better than anything else, but $\sigma \delta$ would be expected, and $\eta$ or $\epsilon$ is perhaps admissible. In the following word it is not clear whether the vestige above a represents a mark of short or of long quantity.

Fr. 13. 4. The first letter may be $o$ or $\omega$ instead of $\rho$.
8. The letter before the lacuna was apparently either $\epsilon$ or $\sigma$, not $a$.
10. $\hat{a} a[$ : $\hat{a} \delta[$ seems to be excluded.

Fr. 14. 4. If $\kappa \lambda \in \eta \delta o \nu[$ is one word, the fragment must be from near the ends of lines; but the division $\kappa \lambda e^{\prime} \eta \delta o v\left[\right.$ ( $\delta^{\prime} \dot{\prime} \dot{\nu} \nu^{\prime}$ ?) is possible.
5. e. g. ]e, ].

Fr. 15. 1. $t, \rho, v$ may be read in place of $\tau$.
3. äтєpos for ëtepos had already occurred in 424. 9. The interlinear insertion may be by the original scribe.

Fr. 18. 2. $\lambda$ before the lacuna is only one of several possibilities, e. g. $\delta, \nu$.
4. An acute has been substituted for a circumflex accent ; cf. e. g. Frs. 5.3, 19.3.

Fr. 19. 2. The mark like a sign of elision is possibly a diastolê, which is sometimes (e. g. 1789), though not elsewhere in 1787, placed above the line.
4. Though the papyrus is partially preserved after $\kappa v$, all trace of writing has disappeared.

Fr. 21. The width of the space above 1. 1 suggests that this fragment, like 22 and 23 , came from the top of a column, but is hardly sufficient to prove it.

Fr. 23. 4. The right-hand tip of the paragraphus is expected, to be visible below this line, but the paragraphi are sometimes rather short.

Fr. 26. 3. ، or $\rho$ can be read in place of $v ; \nu$ also is very uncertain.
5. For the alteration of accent cf. e. g. Fr. 18. 4. The second acute could be read as a circumflex.
7. The supposcd mark of length is placed low and may be the tip of the cross-bar of a $\tau$.

Fr. 27. 3. There is a short blank space after $\breve{a}$, which perhaps ended the line. 6. The accent is very doubtful.

Fr. 29. 4. Juià is a gen. plur.; cf. Frs. I + 2, II, n.
Fr. 32. I. The letters of this line are distinctly smaller than those of $11.2-3$.
Frs. 33-43. This group of fragments is distinguished by being more discoloured and rubbed than the rest. Frs. $4^{1-3}$ have been included on account of their resemblance to the larger pieces.

Fr. 33. 4-5. The identification of these two verses with Sapph. 78. 1-2, though probable, is in consequence of the damaged condition of 1.5 hardly certain; however, the remains suit ]aro[ quite well, and the preceding acute accent is just in the right place if '́pparo' was written.

Fr. 34. 1. каi $\tau^{\prime}$ : or каіт' $(o t)$.
5, if rightly read, probably $=$ Sapph. 76, from Hephaest. 64, Eíнopфotépa Mvartoíкn räs ȧnàas 「ypivyos. Unfortunately the letters are broken, the first and fifth especially being doubtful ; the latter might well be $\epsilon$, oin this hand being generally, though not always, smaller. Since the margin is lost it remains possible that, as maintained by Bergk, the line was the first of a poem (it is perhaps worth noting that the initial letter is again E; cf. int., p. 27). There is also a possibility; so far as the papyrus is concerned, that P. Halle 2. I, which may $=$ Sapph. 77 , immediately succeeded.

Fr. 36. 4. It is not clear whether the accent on $\delta \eta v \tau^{\prime}$ is circumflex or acute, but the former is in accordance with 1231. I5. 3.
5. For $\ddot{\eta} \delta \epsilon$ cf. 1233. 4. 2 ; this in conjunction with the accented $\epsilon$ makes $\tau(\epsilon)$ likely.
6. $\epsilon \kappa \dot{a}[$ : or $\epsilon \kappa \bar{a}[$.

Fr. 38. 2. $\pi \hat{e} \lambda \eta[$ os is possibly for $\pi \in \dot{\epsilon} \lambda \epsilon \epsilon o s, ~ ' d a r k ' ; ~ c f . ~ \pi e ́ \lambda \epsilon t a . ~$
Fr. 39. 1. A very small vestige after $v$ is consistent with $\nu$.
Fr. 40. 1. The doubtful $\iota$ was perhaps the final letter of the line.
2. A compound is indicated by the grave accent, and $\tilde{\omega} \nu o] \lambda \beta o \nu$ by the metre.
4. av̈тav or т]aútav.

Fr. 41. 5. There is no trace of ink below this line, which was perhaps the last of a column.

Fr. $44=$ P. Halle 2. The revised text printed is based on the facsimile (Tafel 8) accompanying the original edition, but photographs are apt to be deceptive, and a satisfactory revision can only be made by means of the actual papyrus. The reprint in Diehl, Supplementum lyricum, p. 43, adds nothing material. That the interlinear signs are, of course, the ordinary accents, marks of quantity, \&c., and have nothing to do with musical notation has been pointed out by Hunt, Year's Work, 1913, p. 78, and Wessely, Wochenschr. f. klass. Phil. 30. 669.

1. This line, which is the first of a column, may possibly, as the edd. say, = Sapph. 77, but apart from the doubt as to the reading there, rúxoofa is hardly enough for an identifica-
tion ; cf. n. on Frs. $1+2.12$ above. Moreover, ll. 2-6 rather suggest an invocation to a deity.
 on $\epsilon$ and suggests an elision mark after $\lambda$. $\theta_{\epsilon} \lambda^{\prime}$ thus seems assured, and $\dot{\omega} \nu \tau$ can hardly be interpreted otherwise than as $\overline{\omega \nu} \tau^{\prime}$, the retracted accent replacing the circumflex, as elsewhere in papyri (cf. e. g. 223. int.). Hence the last word will be either änatoav or $\dot{a} \pi a i \sigma a \nu$, according as the accent or the mark of quantity on the final $a$ is accepted ; amaiarav acc. fem. would conflict with other evidence.
2. ] $\epsilon$ fov edd. If, however, the facsimile may be trusted, a vestige of the letter preceding


3. $\ddot{0} \sigma] \sigma a$ : cf. e. g. Sapph. I. 26 quoted in the preceding note ; ] $\sigma a$ edd.
4. ] $\rho$ ( $\left.\gamma^{\prime}\right] \rho$ ? ) : ]'. edd., who note that $\rho$ is possible.

 facsimile indicates the expected circumflex over $\epsilon v$, and hardly justifies $\pi \epsilon \phi$, the letters being too small and crowded. Apparently yap or $\sigma \theta a$ is quite possible, as well as $] \cdot$ in front of $\sigma v$.

Io. râ . $\lambda \lambda \epsilon$. edd., but $\hat{a}$ obviously cannot be correct, and the facsimile shows that the interlinear mark stood over the next letter and suggests a diaeresis rather than a circumflex. If the diaeresis is right, $i \lambda \lambda$ (i. e. Fi $\lambda \lambda$ ) seems necessary, but the termination remains in doubt ; to judge from the facsimile, $\lambda \epsilon$ was followed by two letters or a letter and a high stop, or perhaps by a broad $\nu$.

Fr. 45. That this fragment of a title, which was found in the immediate vicinity of 1787, belonged to the same roll is not certain; the hand is not identical, though similar in type.

## 1788. AlCAEUS?

Fr. $418.6 \times 5.8 \mathrm{~cm}$.
Late second century. Plate II (Fr. I5).

The following lyric fragments in Aeolic dialect proceed from the same find as 1787 , and are in a script which, though smaller, is very similar in type; the formation of some letters, however, notably $\mu$, is different, and the two MSS. cannot be taken for the work of a single scribe. A further distinguishing feature is the presence in 1788 of marginalia in a small cursive, attributable to the later decades of the second century, and presumably contemporary with the poetical text. In one of these notes reference is made to the grammarian Didymus (Fr. 15. i. 10). Accents, breathings, \&c., resemble those in 1787, but a stop in the low position is here used in addition to the two other kinds. To what extent these adjuncts are original or secondary is not clear. By an inconvenient coincidence the present text, like the Sappho, was accompanied by other lyric but not Aeolic fragments in an apparently identical hand, and a correct ascription of the many smaller pieces is hardly attainable. Accordingly the procedure adopted with 1787 is followed in this case also, and only those fragments which
are guaranteed by the dialect have as a rule been printed. The non-Aeolic pieces probably come from the same roll as 1604, and are reserved for a future volume ; they are much broken and of no great extent.

No coincidence has been discovered in 1788 with the extant remains either of Sappho or Alcaeus, and other clear proofs of authorship are absent. The metrical evidence, however, favours Alcaeus, and style, so far as an opinion can be formed from fragments so badly mutilated, points also in his direction. The best piece is Fr. $\mathrm{I}_{5}$, containing in the second column the first five stanzas of an Alcaic poem which are sufficiently well preserved to be more or less intelligible and include a few complete or easily completed lines. This poem, addressed to a person whose name does not occur, is apparently of a hortatory character, and contains an elaborate metaphor from a vine which promised a bountiful crop but might yet yield sour grapes. An appeal in the last stanza to past example is rather in the manner of Alcaeus ; cf. 1234. 2. ii. 12, 1789. 1. ii. 7-8. Frs. 1 and 3 are in Asclepiads, a metre evidently used by Alcaeus with some frequency. Fr. I gives a description of a natural scene (cf. Alc. 84, 1233.3.8 sqq.)-a pleasant picture of cool water running down from the hills to the vineyards and of green reeds rustling in the breezes of spring. Fr. 2 may for the most part be in the same metre, but l. ro ends like a hexameter (cf. e. g. Alc. 45-6), and the beginning of a new poem is perhaps to be marked at that point ; the metre of Fr. 2. 10 sqq. may well recur in Fr. 7. Fr. 4, a long strip containing parts of as many as 40 consecutive lines, is in places rubbed and difficult to decipher. The metre of much of this was apparently again Asclepiad, but the lower portion shows rhythms of a different character. Asclepiads are also likely in Frs. 11 and 14 and possible in some others. Fr. 12. ii, from the end of a poem, seems to have consisted of 4 -line stanzas which were neither Alcaic nor Sapphic.

Fr. I.

[. .]. ! $\theta \in \sigma \sigma^{\prime} \alpha \pi \nu \lambda i ́ \mu \nu \alpha \sigma \pi o \lambda[$

[.]áuка̄ $\nu \psi \hat{u} \chi \rho o \nu v ́ \delta \omega \rho a \mu \pi \epsilon \lambda[$
$5[. . . . . .].] \bar{\alpha} \nu \kappa \alpha \lambda \alpha \mu \sigma \sigma \chi \lambda \hat{\omega} \rho[$


18 letters $]$ '[

Fr. 2.
] $\mu \omega \iota \sigma!$ [
']ітатє. [
].
] $\pi \cup \notin \iota \pi \eta[$
$5] \alpha \delta \alpha \nu \delta \rho[$
] $\alpha \nu \cdot \alpha \iota \delta \in \kappa[$
']र' $\omega \mu \epsilon[$.$] . . . [.] ] a!$
$\sigma$
$] \tau \hat{\omega} \gamma a[\rho] \rrbracket a$. от $\rho \omega \dot{\mu \mu \epsilon[.}$
] $\quad \nu \tau 0 \gamma є \nu \eta о \nu \mu \epsilon \lambda \alpha \nu є \mu[$
10 ] $\mu \mathrm{vpla} \mathrm{\pi a} \mathrm{\nu} \mathrm{\tau а}$ аvтпатотоv. [
]. [. $] \in \lambda i \tau \omega \sigma$
]ó $\lambda \beta \omega \hat{\omega} \nu \delta \rho[$ $][.[] \cdot \varphi$ ]т/кa[

Fr. 4.
]., $\in \tau v[$
] $\tau \alpha \sigma \epsilon \pi \eta[$
$] \ddot{\mu} \in \rho \tau о \nu \circ \rho \rho \eta[$

Fr. 3.
] $X \in[$
 ] $\alpha$ єvб́єтшабєєч[
] $\sigma \in \tau \alpha$
$5] \lambda \epsilon v \theta \in \rho a \iota \sigma^{a[ }$
] $\mu \in \nu a{ }^{\circ}$


Fr. 1.

```
[. . ? \pi]\lambda\epsilon\xi\proptó\alpha\nu0\iota\deltaos im\pi[
[oop|i'0\epsilon\sigma\sigma' à\pi\grave{v} \lambdaí\mu\nu\alphas \pio\lambda[
[\alpha้кр]а\nu \epsilońк ко\rhov́фа\nu ò\pi\pió0\in\nu 'ी[
[\gamma\lambda]aúк\alpha\nu \psi\hat{u}\chi\rhoо\nu vै\delta\omega\rho \dot{\alpha}\mu\pi\epsilon\lambda[
```



```
[.......кє]\lambda\alphá\delta\epsilon\iota\varsigma \eta้р\iota\nuo\nu ò\nu . [
[....... \tau]\eta\lambda\epsilonфа́\nu\eta\eta\nu` ка\delta\delta . [
[ 18 letters ]'[
```

Fr. 2.
$] \mu \omega \quad \sigma \iota[$
']ï $\tau \grave{\alpha} \tau \in \cdot[$
].
$\dot{\alpha}] \pi v \epsilon i \pi \eta[$
5 ] $\alpha \delta \alpha \nu \delta \rho[$
] $\alpha \nu$. $\alpha i$ i $\delta \grave{\epsilon} k[$

] $\tau \hat{\omega} \gamma \hat{\alpha} s$ (?) $\dot{\alpha} \rho о \tau \rho \omega \dot{\omega} \mu \mu \epsilon[$


$] \cdot[\cdot] \epsilon \lambda i \tau \omega s$
$] o ́ \lambda \beta \omega \nu \quad \delta \rho[$
]o[.] . $\nu$

Fr. 4.
]. ส́Tv[
] Jas $\epsilon \pi \eta[$
] ${ }^{\prime} \mu \in \rho \tau \sigma \nu$ ő $\rho \eta[$

Fr. 3.

$$
\begin{aligned}
& \text { ] } X \in L \\
& \text { tavita oi } \\
& \gamma \hat{\eta} \text { катà } \tau 0 \text { [ }
\end{aligned}
$$

$$
\begin{aligned}
& \text { ] } \sigma \in \tau \alpha \iota \\
& 5 \text { є’] }] \in \nu \theta \text { є́pals } a[ \\
& \text { ] } \mu \in \nu a{ }^{\circ}
\end{aligned}
$$

```
]ovф 0 ס'vாiŋ \(\sigma\)
```



```
    ]. а८бколоки́vг \(\alpha \iota \sigma v \pi \alpha[\)
            \(\quad \underset{6}{ }\)
    '] \(\sigma \sigma \tau \alpha\). . [. . \(] \in \sigma[\). . .] \(] \sigma \alpha \pi \alpha \lambda\) [
```



```
    ]avaфa.. [
ı ] \(\quad \sigma \alpha ́ \gamma \alpha \theta_{0 \sigma \cdot} \cdot \tau \alpha\). [
    ] \(\delta^{\alpha} \mu \alpha \pi \omega[\).\(] . [\)
        ]. \({ }^{\epsilon} \nu \mu \epsilon[\cdot.] \cdot \eta \cdot[\)
            ]餪[
                        ] \({ }^{\circ}!0 \vee \alpha \iota \mu[\)
15
                ]. \(\boldsymbol{\nu}!\omega \kappa \in \rho \rho[\)
                ] \({ }^{2} \alpha \rho[\cdot[\cdot] \sigma[\cdot] \alpha \iota \sigma \epsilon \cdot[\)
                    ]. o[.] \(] \in \downarrow \dot{\square} \sigma \tau \hat{\omega}[\)
                    ]. \(\tau \in[\).\(] . \mathrm{X} \cdot \mathrm{r}\)
                            ] \(\sigma \nu \alpha \hat{\alpha} \alpha \pi \circ \eta{ }^{[ }\)
20
        ].v. \(\alpha \sigma \delta^{\prime} \cdot o v \gamma \alpha \rho \epsilon \epsilon \nLeftarrow \omega[\)
        ]тóv \(\eta \sigma \alpha \sigma \kappa \alpha \tau \alpha[\)
        ] . \(!\sigma \kappa \alpha!\pi 0 \lambda \lambda \alpha \chi \alpha \rho \iota \sigma[\)
```






```
    ] \(\alpha \iota \sigma \nu \nu \mu \iota \lambda \lambda \epsilon \iota \tau \alpha \delta \in \eta \nu \theta[\)
        ]ávтш . [.]oхр \(\dot{\eta} \mu \alpha \tau о \sigma\) [
```



```
\(30 \quad\) '] \(\rceil \omega \nu \cdot \tau \in \nu \cdot \eta \delta \in[\)
            ]как \(\omega \nu \in \sigma \chi a \underset{[ }{ }\)
            \(] \backslash \lambda \eta \psi^{\hat{v}} \chi \bar{\alpha} \nu \alpha \kappa \alpha \tau[\)
                ] \(\nu \cdot \bar{\alpha} \delta^{\prime} \underline{o v}[\cdot] \in \sigma \sigma \cdot[\)
                        ]
            ]. \(\delta^{\prime} \dot{\alpha} \lambda \lambda o \sigma[\). . \(] \in \delta \delta\)
            ]єpat. \(\boldsymbol{\gamma} \alpha[\)
                ] \(\psi v \times \mathrm{X}[\cdot] \cdot \mathrm{p}[\)
                \(] \mu \mu \in \varphi[\cdot] \cdot[\)
                            Fr. 5 .
35
```

Fr. 5.

```
] . \(\alpha \cdot[\cdot] \cdot[\cdot[] 0[\) [
] \(\quad\) ado . .]тoסoк[
```

$\kappa]$ oú $\phi \omega \delta^{\prime} \dot{u} \pi i ́ \eta \sigma[\iota \nu$
5 ］$\delta \alpha[$ ．．．．］$\epsilon s \quad \pi[\alpha \hat{\imath}] \delta \alpha s \quad \dot{\alpha} \pi[$
］．ats ко入окúvтаıs ùna［
＇］$\sigma \tau \alpha \sigma \delta[$ ．．］$\epsilon \sigma[$ ．．$\alpha] \iota s ~ \alpha \pi \alpha \lambda[$
］．．．．al $\cdot[\ldots] \delta^{\prime} \dot{u} \pi[$ ］avaфa．．
ı ］．s ă $\gamma a \theta_{0}$ ．$\tau \alpha$ ．［
］$\delta \dot{\alpha} \mu \alpha \pi \omega$［．］．［
］． €́ $_{\boldsymbol{\nu}} \mu \in[..] \cdot \eta \ldots[$
］$\alpha$［
］ilov aim［
15 ］． $\boldsymbol{\nu}^{\prime} \omega \kappa \kappa \in \rho p[$ ］$\gamma \dot{\alpha} \rho\left[{ }^{\prime}\right] \sigma[\cdot] \alpha \sigma \epsilon \cdot[$
］．o［．］$\in \nu \not \ddot{\alpha}_{s} \tau^{\prime} \hat{\phi}[$
］．$\tau \in[\cdot] \cdot x \cdot[$
］s $\nu \hat{\alpha} a$ moń $\sigma$
20
］．v．$\alpha \sigma \delta^{\prime} \cdot$ ov่ $\gamma \grave{\alpha} \rho \stackrel{\text {＇}}{ } \gamma \omega$

］．ıs каì тó̀入入 $\mathrm{X}^{\alpha \rho \iota \sigma[ }$
］Soıs，тois $\delta^{\prime}$ ünío［
］$] a \iota \cdot \pi[\iota] \sigma u ́ v a$ d＇$^{\prime}$ öк．［

］．is тoût＇oủk oî $\delta \in \nu$ ，${ }^{\epsilon} \nu 0 เ \pi[$

］av̌ra．［．］o хри́matos［
］кó［．．．］$\tau^{\prime} \omega^{\prime} \lambda о \mu \epsilon ́ \varphi \nu[$
$\left.{ }^{\prime}\right] \tau \omega \nu^{\cdot} \tau \epsilon \nu \cdot \eta \delta \epsilon[$

Fr． 5 ．
$] \lambda \eta \psi \dot{\chi} \chi^{\alpha \nu} \dot{\alpha} \kappa \alpha \tau[$
$] \nu \cdot \alpha \delta^{\prime}$ oư $[k]$＇́ $\sigma \sigma$ ．［
］．$\delta^{\prime}$ ä $\lambda \lambda$ os［．．．］$\epsilon \delta[$
］
］$\in \rho \alpha \iota, \gamma \alpha[$
］$\psi \hat{v} \chi \mathrm{X}[0] \nu[$
］$\mu \mu \in \nu[\cdot]$ ．［
］$\lambda \alpha[$
］．$a \cdot[\cdot] \cdot \iota[\cdot] o[$



- Fr. 6.
$\left.{ }^{4}\right] \pi \epsilon[$
] $\sigma \pi[$
]ठєv $\sigma \cdot[\cdot] \mu a ́[$
]íवхобка[
$\left.5^{\prime}\right] \pi o \lambda \lambda \bar{\alpha} \nu \cdot[$
$] \underline{!}[$ [.] $] \epsilon$. [
] $0 \delta[$
]al $\epsilon$ d
]. [. . . $] a_{L}[$
$10] \tau \tau \iota \sigma \delta \in \gamma[$
]. $\rho \epsilon \iota к \nu \mu[$

] $\pi \epsilon \rho \sigma \iota \sigma \cup \phi 0[$ ] $\tau \alpha \mu[$
${ }^{1} 5$

Fr. 7.
]: [
]. [.]. [.]. [
$] \pi \cup \tau 0 \xi \omega$
]катаурє[.]
5 ]. $\rho \stackrel{\nu \grave{a} \pi v \sigma[~}{\text { [ }}$
'] $\bar{\alpha} \tau \rho \hat{v}[$
]. $\beta \iota \alpha \leqslant ઼ \omega$
]ováal
] $\delta \nu \eta[$
$10 \quad] \cdot[$

Fr. 9.
]к $\theta a \lambda a[$
] $\pi$ édıo[
] $\pi \times 0 \lambda \nu[$
] $\uparrow \iota \sigma \delta a[$
$\left.5^{\prime}\right] \lambda \eta \nu \cdot \quad .[$
$] \theta \eta \nu$
]. [

Fr. 8.
]. [
$3 \delta \iota \alpha \cdot[$

']ī入ou[
] $\delta \cup \cdot \pi[$
] $\rho \in \xi \in[$
] $\beta$ pód
]apıe[
] $0 \lambda \pi[$
]ток[

Fr. 10.
]ó $\mu \in \nu[$
] $\nu \tau \omega \bar{\omega}$
] $\nu \kappa \alpha \tau a \eta[$
]точтонє. [
$5] \tau^{\prime} \rho \mu \hat{\alpha} \gamma v[$.
] $\alpha \iota \cdot \kappa \alpha \delta \delta \epsilon[$ ]á $\sigma a \nu[$

Fr. II.
Fr. 12.
Col. i.
juevot [

] $\alpha \mu \in \varphi \bar{\alpha} \cdot[$
Col. ii.
[. . .] . . ! $\sigma \in[$
[. .] $] \in \tau \frac{\bar{\alpha}}{} \iota \beta[$
]. $\quad \alpha \gamma \in \delta \delta{ }^{\prime} \mu^{\prime} a[$

5 т $\hat{\alpha} \sigma \delta \in \nu o ́$. [
єīлє́ $\mu^{\prime}$ '
дэѝко • [
TouT' $\epsilon \boldsymbol{\gamma} \omega[$
]aтov[.]á[ ]. $\epsilon \lambda \iota \delta[$
]. $\epsilon \lambda \wedge \kappa \in \alpha$ [

Fr. 6.
$\left.{ }^{6}\right] \pi \in[$. ] $\sigma \pi$ [
$] \delta \epsilon \nu \sigma[\cdot] \mu \alpha ́[$ a]ío Xos кa[
5 '] $\pi o ́ \lambda \lambda \alpha \nu .[$ ] $\alpha[$ [.] . $\lambda \epsilon$. [ ] $\nu \delta$ [ ] aíєı of ]. [. . .] $] \downarrow[$

]. $\rho \in \iota \kappa \nu \mu[$
] $\chi \omega \rho^{\prime}$ єैov
] $\pi \in \rho$ 乏íquфo[ ] $\tau \alpha \mu[$
15 ] $\operatorname{cov} \nu[$

Fr. 10.


Fr. 7.
] . [
]. [.] • [.] • [
$\alpha$ ả $] \grave{v}$ тó $\xi \omega$
] $\kappa \alpha \tau \alpha ́ \gamma \rho \in[\iota]$
5 ]. $\rho o \nu \alpha \dot{\alpha} \pi v \sigma[$ '] $\rho \alpha$ т $\rho$ v́[
]. $\beta \iota a ́ s{ }^{\circ} \omega$ ]ov $\sigma \alpha \iota$ ] $\delta \nu \eta[$
10 ]. $\cdot$ [
]. $\nu \dot{\alpha} \epsilon \in \rho \rho \alpha v_{l}$
5 ] $\rho \rho \alpha \cdot \theta v[. \cdot.] \delta \alpha \cdot[$
] $i \mu[\epsilon ́ \rho \rho$ ? $] \eta \nu \nu[$

Fr. 8.
]. [
] $\delta \iota \alpha$. [
] аiүı $\beta$ ó
']ìiov [
$5 \hat{\alpha}] \delta u \cdot \pi[$ $] \rho \in \xi \in[$ ] Bpód ] $\alpha \rho l \in[$ ] $0 \lambda \pi[$ 10 ]rok[

Fr. 9.
$\left.{ }^{\prime}\right] \kappa \kappa \quad \theta \alpha \lambda \alpha[$
] $\pi \in ́ \delta \iota o[\nu$
] $\pi o ́ \lambda \nu[$

Fr. II.


] $\alpha \mu \epsilon \nu \alpha$. [
] Tis $\delta \alpha[$
$\left.5^{\prime}\right] \lambda \eta \nu \cdot \quad \cdot[$
$] \theta \eta \nu$
]. [

Fr. 12.
Col. ii.
[. . .] . . $\iota \sigma \epsilon[$
[. .] $] \in \tau \hat{\alpha} \beta$ [ $\dot{\alpha} \gamma \epsilon \delta \dot{\eta} \mu^{\prime} \dot{\alpha}[$ $\alpha i$ тà $\kappa \eta \nu$. [
5 т $\alpha \sigma \delta \epsilon$ ขó. [ $\epsilon i \pi \epsilon \mu^{\prime}$ [ $\mu \eta \dot{u} \kappa$ ó . [ тoû̃' є้ $\boldsymbol{\gamma} \omega$ [


Fr. 15. Col. i. Plate II.
1
]
]
]
]
]. $\epsilon \cdot$
]!のסvvovalaçovtea ]uvovera̧ovitecout ]eptavavyew
5 ] yavv $\xi \in$ ]ayopà ] $\omega \ngtr \div \boldsymbol{y}^{\circ}{ }^{\circ}$ $] \dot{\lambda} \omega v$ JvĽEเv ] 9 بठ $\delta \delta^{\text {U }}$
]
]
 ].
15 ]avтเтoutovtovatı $X_{\text {Kel }}{ }^{\mu}$
]
]
] $\nu$ aveiovatepo[.]
]
20 J $\sigma a \downarrow$
]
]!ب! $\omega$ \$

| Fr． 13 | Fr． 14. | mó入入a к［ |
| :---: | :---: | :---: |
| Fr． 13. |  | $10 \pi o ́ \lambda \lambda \lambda^{\prime}{ }^{\prime \prime} \mu[$ |
| ］íoto ．［ | $\left.{ }^{\prime \prime}\right] \sigma \sigma \in \tau \alpha \iota{ }^{\text {¢ }}$ ¢ ${ }^{\text {［ }}$ | $\text { [. . .] } \cdot[$ |
|  | ］ $\boldsymbol{\alpha}$ тоs | ．．． |
| ＇］vova［ | ］．$\pi \alpha \dot{\alpha} \eta \nu$ |  |
|  | ］aí $\sigma \boldsymbol{\mu} \in \nu$［ |  |
| －．． | 5 ］． |  |

Fr．15．Col．i．
]
]
]
]
]

$$
] \cdot \epsilon \cdot
$$

$$
\text { ]es } \sigma u v o v a t a ́ ̧ o v t e s ~
$$

$$
\sigma_{\perp} \text { uvovatágovzís } \sigma 0 \text { ć- }
$$

$$
? \sigma \tau\} \epsilon \rho \in \grave{v} v a ̂ v \gamma \epsilon \omega-
$$

$$
j v i \xi \in \omega
$$

$$
\text { ] } \mathrm{ouv}(\tau \omega) \Delta i \delta \mathrm{v}(\mu \circ \mathrm{~s}) \text {. }
$$

                                    ]
    
].
${ }^{1} 5$
]
] $\quad$

]
20 ] $\sigma \alpha \ell$
]
] $\boldsymbol{\tau} \stackrel{\omega}{\omega} \phi[$

Fr. 15 Col. ii. Plate II.

$$
\begin{aligned}
& \lambda] \\
& \sigma^{\prime} \eta \hat{i}_{i} \\
& \delta \mu \alpha \hat{a} \text {. } \\
& \hat{\alpha} \sigma \ddot{\mu} \mu \\
& 5 \text { a! } \theta_{\epsilon ́ l} \text {. [ } \\
& \text { tavaio[ } \\
& { }^{\circ} \mu \pi \alpha v^{-} \\
& \stackrel{\underline{\underline{+}}}{ } \nu[\text { [.] }] \alpha[ \\
& \tau i \sigma \tau^{\prime} \omega \pi \sigma \nu[ \\
& \text { єing[ } \\
& \pi \alpha \rho_{\epsilon} \sigma \kappa \epsilon \theta^{\prime} \frac{\partial}{[ } \\
& \text { סáı } \mu о \nu^{\prime} \alpha \nu \alpha ́ \iota \tau \iota 0[
\end{aligned}
$$

$$
\begin{aligned}
& \pi \alpha v \sigma \alpha i \cdot \kappa \alpha ́ к \omega \nu[. ~ . ~ . ~ . ~ . ~ . ~ .] o ́ v \tau \omega[~[~ \\
& \text { áıтıঠúvaıкатєх̣[. . . . . .]?• } \\
& \overline{\sigma \circ} \mu \epsilon \varphi[\cdot] \alpha \rho \hat{\eta}[\cdot . \cdot] \text {. } \pi \epsilon \rho \beta \epsilon \epsilon \beta \alpha[\cdot] \alpha \iota \chi \rho \circ[ \\
& \text { a[...] } \\
& \text { [.]a<картобобо[.] } \sigma \eta \sigma \sigma v v a!\rho \in \tau[ \\
& \text { ќ่доиүа[ }
\end{aligned}
$$

$$
\begin{aligned}
& \text { [... }] \text { ] }[\cdot] \cdot \tau \sigma \alpha \alpha \nu \tau \alpha \sigma \gamma \alpha \rho \alpha \pi \alpha \mu \pi \epsilon[
\end{aligned}
$$

$$
\begin{aligned}
& \text { [. . .]aка } \alpha \omega \mu о т \text { '́p } \alpha \iota \sigma \in \text { óı } \sigma \alpha \iota \sigma .[
\end{aligned}
$$

> [. . .] $] \kappa \kappa \cdot \kappa \alpha \rho \tau \epsilon \cdot[. . . . . ..] . \cdot[$
> [. . .] $] \sigma \iota \alpha \nu \pi \alpha \rho \in X \in[$

Fr. 1. 1. The length of the initial lacuna in this and the following lines is determined
 occurs elsewhere.

Fr．15．Col．ii．

$$
\begin{aligned}
& \lambda[ \\
& \sigma^{\prime} \text { 解 } \\
& \delta \mu \alpha ́ \text {. [ } \\
& \hat{\alpha} s{ }_{\iota}^{\prime \prime} \mu[\epsilon \nu \text { ? } \\
& 5 \text { } \alpha i \theta \epsilon i \text {. [ } \\
& \text { таvaio: } \\
& { }^{\circ} \mu \pi \alpha \nu[\epsilon \\
& \nu[i] \kappa a[ \\
& \text { Tis } \tau^{\prime}, \hat{\omega} \pi o v[ \\
& 10 \text { єi̋n } n \text { [ } \nu \\
& \pi \alpha \rho \epsilon ́ \sigma \kappa \in \theta^{\prime} \text { ö }
\end{aligned}
$$

$$
\begin{aligned}
& \text { סєúovtos oúd̀̀ } \pi[\text {. . . . .]pavout [ }
\end{aligned}
$$

$15 \pi \alpha v ́ \sigma \alpha \iota \cdot \kappa \alpha ́ \kappa \omega \nu$ [. . . . . . ${ }^{\circ} \hat{\nu} \tau \omega[\nu$
ай $\tau \iota$ ঠúvą катєX[. . . . . .]o.

$$
\begin{aligned}
& \text { тò к入 } \hat{\alpha} \mu \mu \alpha \delta^{\prime} \dot{\epsilon} \lambda \pi \omega \dot{\rho} \rho \text {, ка́入ov } \gamma \alpha ́[\rho \text {, }
\end{aligned}
$$

$$
\begin{aligned}
& \text { [... ó] }] \psi[\iota,] \text { roıav́ras } \gamma \dot{\alpha} \rho \dot{\alpha} \pi^{\prime} \dot{\alpha} \mu \pi \epsilon \in \lambda \omega
\end{aligned}
$$

$$
\begin{aligned}
& \text { [. .] }] \rho \mu \text {. } \mu \grave{\eta} \text { ठ } \delta o ́ \pi[\omega] \sigma \iota \nu \text { av́raıs }
\end{aligned}
$$

> [. . .] $] \kappa \epsilon \cdot к а \rho \tau \epsilon \cdot[. . . . . ..] . . ~[$
> $[\delta \iota \pi \lambda] \alpha \sigma i \alpha \nu \quad \pi \alpha \rho \epsilon \backslash \epsilon[$

2．The first $\sigma$ ，though rubbed，is practically certain．
3．［äкp］av is perhaps not too much for the lacuna，$\rho$ being a narrow letter．
4．［ $\gamma \lambda]$ aúкav is gen．plur．fem．，as shown by the mark of length on a $; \therefore$. ．］ā $\nu$ in 1.5 was
another word of the same kind. The language here is close to that of Sapph. 4 d $\mu \phi \dot{\text { i }} 8 \stackrel{\iota}{e}$
 the source of that fragment.
6. The vestige of the letter after ov suggests e. g. $\lambda, x$.



8. The correction of yap to yas may be by the original hand. How the letters should be interpreted is open to doubt, but yâs is in keeping with d $\rho o \tau \rho \omega \mu \mu[$, and ]rôyăs is unknown.
9. $\eta$ of $\gamma \varepsilon$ 湭 is not very satisfactory, but an alternative that will suit the context is not easy to find.
r. A new poem with a change of metre apparently begins here.

Fr. 3. This fragment is very similar in appearance to Fr. 2, and at first sight a combination of 1.6 with Fr. 2.1. 9 is attractive, but this would create difficulties both in the scansion of 1.8 (if $\gamma$ âs is right) and in the marginal note in 1.10 , where ruvauko(s) is a more probable reading than $\operatorname{\sigma vvako}(\lambda$ ove $)$ ). The two fragments may, however, well have belonged to the same column.

6. The second o of кoд oкvuraus has apparently been converted from $v$.
7. The supposed interlinear $\delta$ might possibly be a rather large circumflex, but the preceding vestige would remain unaccounted for.
8. To the right of the cancelled $\delta$ on the edge of a hole in the papyrus is a spot of ink which may be a vestige of an interlinear letter, or of an apostrophe.
17. A vestige above $\omega$ is doubtfully interpreted as a circumflex.
19. ]s:] f is rather suggested by the remains, but seems excluded by the metre.

22. Three consecutive long syllables are plainly shown here by the papyrus, as apparently also in 11.30 and $3^{2-3}$; cf. the next note.

25-8. The letters $\pi o \lambda$, . $\sigma$ rov, atov and part of $o$, av at the beginnings of these lines are on a small fragment which fits here so well that the combination is almost assured. A sequence of four long syllables results in 1.26 , but in view of $11.22,30$, and $32-3$ that cannot be regarded as a fatal objection.
26. The stop (?) after oidev is well below the line.
27. $\eta \nu 6[$ : $\gamma \nu \varepsilon[$ is hardly possible.
28. A mark on the edge of a hole above the doubtful $o$ is unexplained; possibly it was a grave accent, or there may have been some correction.
38. Some vestiges above the line point to a correction.

Fr. 5. The appearance of this fragment suggests that it is from the bottom of the column to which Fr. 4 belonged.
 owing to the rubbed condition of the fragment it is not clear that the line ended here.
6. Cf. Fr. 4. 22, n.; but $i \mu[\hat{[ } \rho \rho]$ ] $\nu$ hardly fills the lacuna.

Fr. 6. 3. The accent on $a$ is doubtful; it might be e.g. a mark of length.
4. io: or $]^{\text {iofor}}$
13. Síruфo : cf. 1233. х. ii. 12.

Fr. 7. 4. katáypєı recurs at the end of a line in 1233. in. 9 ; cf. Sapph. 43. 8. $v$ is a correction from $c$. If $v$ is right, $\sigma a t$ is presumably the possessive pronoun.

Fr. 9. That this fragment is Aeolic is shown by the accent in l. 2.
Fr. 11. This fragment, at the right-hand side of which there is a junction between the selides, may come from Fr. 5 . i , but does not join on immediately, at any rate.

Fr. 12. ii. 3. There is no paragraphus below this line.
II. The supposed coronis is uncertain, being represented only by part of a thin vertical stroke immediately in front of 1.10.

Fr. 13 is included here on account of its similarity to Fr. 14, which is apparently Aeolic.

Fr. 15. i. 4. ]epeav: or perhaps ]epe[l]av.
10. Didymus is known to have written a book $\pi \epsilon \rho \grave{\imath} \lambda \nu \rho \iota \kappa \bar{\omega} \nu \pi o \iota \eta \tau \bar{\omega} \nu$, but this seems to have been of a historico-literary nature rather than a critical $\dot{v} \pi \dot{\delta} \mu \nu \eta \mu a$ of the kind indicated by the present passage. It is, however, likely enough that his voluminous commentaries included a treatise on the Lesbian poets, as well as on Pindar and Bacchylides.
ii. 3. Either $\delta \mu a ́ \tau[$ or $\delta \mu a ́ \theta[$ can be read.
9. As in 1787. 34. r, $\tau$ ' may represent either $\tau \epsilon$ or $\tau \boldsymbol{c}$.

I I. $\pi a \rho^{\prime} \sigma \kappa \epsilon \theta^{\prime}$ here provides a parallel for Powell's admissible suggestion $\pi \epsilon \rho \sigma \kappa_{\epsilon} \notin o \iota \sigma a$ in 1231. I. i. 18.
13. $\boldsymbol{\text { t }}$ : or $\boldsymbol{i}$. [.
14. $\epsilon \gamma[$ : or $\epsilon \pi[$. The letter following $] v$ may well be o.
16. The accent on a might be taken for a mark of short quantity. $\lambda[$ is possible in place of $x[$.
18. For the (Doric) form ${ }_{\eta} s$ for ${ }_{\eta} \nu \mathrm{cf}$ 1360. 1. 9 , where ${ }_{j} \mathrm{~s}$ is better taken as 3 rd person, and 1231. 55. 4, where $\hat{\eta} s$ is probably to be recognized; $\bar{j} \nu$, which is read in Sapph. 106, may now well be emended. The following word as originally written was apparently
 of $a[\epsilon \rho]$ or $o[\gamma \in \rho]$ for $a \iota$, but there has been no deletion.
19. For the doubled $\mu$ in кла̄ $\mu \mu a$ cf. e. g. Sapph. i. 16 кá $\eta \eta \mu \iota$, 14. I and the Halle fragment vó $\mu \mu \mu a$, 1231. 13. 4 白 $] \pi o ́ \eta \mu \mu \epsilon \nu$. кáخov $\gamma^{\dot{a}}[\rho$ is evidently parenthetical. $\quad \pi a \lambda a o \nu$ which
 Whether the correction is due to the original hand or to a diortholes is not evident.
21. Vestiges above the line suggest $\psi$ rather than $\tau$, and e.g. ob] $\psi[1]$ well suits the conditions; but $\tau$ is possible, if some interlinear addition is supposed. What has been taken for a high stop in front of toavzas may be part of the preceding letter.
22. The letter after Jv has been corrected, but what was intended is hardly determinable as the line stands. Apparently o was first written, and through this there is a vertical stroke $(\iota ?)$, with a vestige of ink close by on the edge of a hole in front of $\sigma$. Perhaps ]vos was altered to ]uoos. Further on, if $\sigma$ and $\epsilon$ are rightly read, the intervening letter, which had a vertical stroke, was presumably $\gamma$ or $\tau$.
23. For the interpretation of this line much depends on the identity of the letter printed as $\eta$ before $\delta \rho$. The first stroke of the $\eta$ has the form of a narrow oval, and it is therefore questionable whether $\theta_{c}$ should be read instead of $\eta$. But the oval is considerably narrower, and the cross-stroke longer, than in a normal $\theta_{\text {, a }}$ and $\theta_{l}$ is, moreover, intractable metrically. Perhaps then the scribe began to write $\epsilon$ and converted this to $\eta$. If $\eta$ is right, $-\eta \mu \iota \mu \eta$ would be suitable enough. The first visible letter must be either $\beta$, o, $\rho$, or $\phi$, and next to this the slight remains suit the upper part of a $\beta$ better than anything else. [rí] $\beta \beta \eta \mu$
would sufficiently satisfy the conditions, if that word were likely. For $\delta \rho \dot{\sigma} \cdot[.] \sigma \omega \nu, \delta \rho \sigma \sigma[o t] \sigma \iota$ naturally suggests itself but is difficult in the context. Possibly $\delta \rho \dot{\mu} \pi[\omega] \sigma \omega$ or $\bar{\delta} \rho \sigma \pi[0 \ell] \sigma \nu$ may be restored on the analogy of 1234. 2. i. 9 тро́m $\boldsymbol{\nu}$, ii. 7 óvícoome. The high stop after this word seems superfluous in any case.



26. ] $\mathrm{F}:$ or $\gamma$ or $\sigma$.
27. е. g. картеє!, картер.
28. [ $\delta \pi \pi \lambda] a \sigma i a \nu$ is perhaps not too much for the lacuna when allowance is made for the slope of the column.

## 1789. Alcaeus.

Fr. I $11.7 \times 15.2 \mathrm{~cm}$. First century. Plate III
(Frs. I-3, Col. i).
The authorship of these fragments, consisting of parts of two columns and a number of disconnected pieces, would have been sufficiently clear even without the occurrence in them of Alcaeus 19, part of an Alcaic stanza cited by Heraclides Ponticus, whereby their source is definitely proved. This coincidence is found in Fr. I. i. ${ }^{1} 5^{-18}$, and it becomes plain that the lines quoted by Heraclides were the beginning of a poem, of which we now recover the continuation in the following column, where Alcaeus' favourite metaphor of a stormtossed ship is carried on for a further two lines. Since the height of the column is unknown, the extent of the lacuna between Col. i. Ig and Col. ii. I cannot be determined, but it may be only one line and is hardly likely to have exceeded five lines, which would give three stanzas for the development of the metaphor. Six more stanzas at least followed, of which however only one and a half are sufficiently well preserved to be intelligible and capable of restoration. In these the poet passes from allegory to precept, and urges his fellow-citizens to courage and endurance and to emulation of their ancestors. The subject of the preceding poem, the conclusion of which survives in a mutilated form in the upper portion of Col. i , is obscure. It presumably belonged, like the other, to the class of У $\tau \alpha \sigma \iota \omega \tau \kappa \alpha$; there are references to marriage (11. 7, 14), but whether these have anything to do with the marriage of Pittacus, to which allusion is made in 1234. 2. i. 6 , remains doubtful. As the text stands its chief point of interest lies in the metrical scheme, which seems clearly to be a stanza of four lines, the first three being lesser Asclepiads and the fourth a Glyconic. This stanza was used repeatedly by Horace (i. $6,15,24,33$, ii. 12 , iii. 10,16, iv. 5,12 ) who has commonly been credited with its invention, but his debt now becomes evident. That the similar stanza with a Pherecratic for the third verse (e. g. Horace i. 5,

14, \&c.) was borrowed from Alcaeus had already been suspected on the ground of Alc. 43 ; another (previously unknown) form of Asclepiad stanza is exemplified in 1234.2. i. From the remaining fragments not much can be extracted. In Fr. 6, which is in Alcaics, a mention of the Pelasgi is noticeable, and there seem to be other historical references. The character of Fr. I2, in the same metre, is indicated by the occurrence of the word $\mu$ ovapxia as well as by a reference to Myrsilus in a marginal note. Alcaics are perhaps also to be recognized in Frs. 24 and 25. Fr. I3 may be in the Sapphic stanza, and Fr. 29 possibly in Asclepiads.

The round upright script of this text is rather smaller and less ornate, but otherwise very similar to that of 1361 (Bacchylides, Scolia, Part XI, Plate 3), the characteristic letters $\epsilon, \theta$, and $\xi$ being formed in just the same way with a dot in the centre disconnected from the other strokes. Of $\zeta$, which in the Bacchylides has a vertical bar joining the horizontal strokes in the centre, there is here no example, but a similar archaic formation is presumable. 1361 was referred to the first century, a date which finds some confirmatory evidence in the cursive annotations of the present papyrus, which are not likely to be far removed in time from the main text. Apparently two secondary hands are to be distinguished, and the interlinear alternative readings, which are not infrequent, may be due sometimes to one and sometimes the other. Stops in two positions are used (a double dot, of uncertain meaning, is found in Fr. 1. i. 11), and marks of elision and quantity are fairly plentiful. The diastole employed to divide words, more usually (cf. e.g. 1787-8) inserted at the base of the letters, is in this text placed like the sign of elision (e.g. Fr. x. i. 6, 17), which it also resembles in shape. A ligature below the line occurs once (Fr. 17). These additions seem to be largely secondary; the paragraphi, however, are most probably original.
Fr. i. Col. i. Plate III.
[. . . . . . . . . . . .] . . . . . [
[.......]... $\rho a \iota \sigma \epsilon \chi_{\eta} \cdot$ т[ 12 letters $] \div$... $\mu \eta$
[. . . . . . ]є仑̂тробкака[ ] ]єب̣̣






ı [. . . . . .] $\sigma i \lambda \epsilon \nu \sigma \epsilon \chi \eta \nu$.
Fr. 2.




${ }_{5} 5$ [. . . . .] $] \epsilon \kappa v \mu \alpha \tau \omega \pi[$ [.]ot[. . . . . .]

[. . . . . . . .]єєкє่'ขa[. . . . . . . . . .]
[. . . . . . . . .]ó $\epsilon \theta \epsilon[$. . . . . . . . .]
[. . . . . . . . .] $]$. [. .] • [

Fr. I. Col. ii.
$\phi \alpha \rho \xi \omega \mu \epsilon \theta^{\prime} \omega \sigma \omega \kappa \iota \sigma \tau[$ $\epsilon \sigma \delta^{\prime} \epsilon \in \cup \rho \rho \nu \lambda i ́ \mu \epsilon \nu \alpha \delta \rho o[$
$\kappa \alpha \iota \mu \eta \tau \iota \nu о ́ \kappa \nu о \sigma \mu \circ \lambda \theta[$
. $\beta$.
$\lambda a \chi \eta \cdot \pi \rho o \delta \eta \lambda o v \gamma \alpha \rho \mu \in \gamma[$
$5 \mu \nu \alpha \sigma \theta \eta \tau \epsilon \tau \dot{\omega} \pi \alpha \rho \circ \iota \theta \alpha \mu[$ $\nu \nu \nu \tau \iota \sigma \alpha ́ \nu \eta \rho \delta о \kappa \iota \mu \sigma \sigma \gamma \epsilon[$

## Fr． 1. Col．i．

```
    [. . . . . . . . . . . .] . . . . . [
    [........]..\rho\alpha\iotas \epsilońX\eta. \tau
    [. . . . . . .] \epsilon\hat{v}\pi\rhoо̀̀s ка́к\alpha [ ]vevo(.)
[.......]vov [..]rot\sigma[.]0\alpha . os к.[
5 [.......]\epsilon\nu\epsiloń\tau\sigma }\mu\eta\mp@subsup{\delta}{}{\prime}\mathrm{ ध́}
    [\zeta\alpha\mu\epsilon\inо́v\tauо]\nu \alphá\epsiloníк\in\alpha. \zetaа\muєvóvтоv \zetaа\muєvíт\omega\sigmaаv.
    [.......]T\iota[s] к\inкр[í] \mu\invos \gamma
    [.......] к\in\nu \xiv\sigma\tauоф0[\rho\etá]]\mu\epsilon[\nuOS
    [. . . . .]\tau\alpha к' \alphaü\tau\alpha\nu \gamma\lambdavкє́\omegas [. . . .] таv та[. .]\omega\sigma\epsilon( ).
10 [.... \beta\alpha]\sigmaí\lambda\epsilonus 㒸\\eta\nu. Fr. 2.
    [.....]\epsilonк\alpha \pió\lambda\lambda\alphas \pi\alpha, . \alpha\mu\eta . \alpha[. . та\mue\epsilon[
    [......]\ell \mu'́㇒\eta\nu\nu \alpha[i \gamma六]\rho 白\muо\iota то́т\alpha
    [..... . \gamma\epsiloń]\nuo\iotav' ố\pi\piот\alpha \lambda[.] ]\epsiloń\epsilon . . \nu
    [......]. \eta \gamma\alphá\muо\nu.
```

                                    Fr. 3 Col. i
    
[ $\sigma \tau \epsilon i ́ \chi \in \iota] \pi \alpha \rho \epsilon ́ \xi \in \iota \quad \delta^{\prime}$ ar[ $\mu \mu \iota$ тóvov $\pi$ ]o ́入vv

[. . . . . . . . .]oo $\mu \in \theta^{\prime} \quad$ ' $[$
[. . . . . . . . . . .] $]$. [. .] • [

Fr．x．Col．ii．


$\kappa \alpha i ́ \mu \dot{\eta} \tau \iota \nu^{\prime}$ oैкvos $\mu о ́ \lambda \theta[\alpha к о s ~ \dot{\alpha} \mu \mu \epsilon ́ \omega \nu$ ？
$\lambda \alpha ́ \beta \eta, \pi \rho o ́ \delta \eta \lambda o v \quad \gamma \grave{\alpha} \rho \mu^{\prime} \gamma[\alpha$ $\sigma v \mu \phi \epsilon ́ \rho o \nu . ?$
$5 \mu \nu \alpha ́ \sigma \theta \eta \tau \epsilon \tau \hat{\omega} \pi \alpha ́ \rho o \iota \theta \alpha \mu\left[\omega \mu \omega^{*}\right.$ ？
$\nu v ิ \nu$ ais ar $\nu \eta \rho$ סókıцоs $\gamma \epsilon[\nu \in \in \sigma \theta \omega$ ．


$$
\begin{aligned}
& \text { Fr. } 7 .
\end{aligned}
$$

$$
\begin{aligned}
& \text { ] } \\
& \text { ] } \nu \text {. } \operatorname{tâvōā~[~} \\
& \text { Bapqaupoua[ } \\
& \text { juov. } \\
& \text { атоделенг: } \\
& \mu \text { evov } \\
& \text { ]. } \\
& \text {.] } \\
& \text { ly . } \mathfrak{r a v} \mathrm{va} \text {. } \\
& \text { ßарךаıрочo[ } \\
& \text { juov. } \\
& \mu \in v o v \\
& \text { ]. } \\
& \text { Fr. } 8 . \\
& \text { ]єTot . . } \mathfrak{\alpha} \eta[ \\
& ] \mu \alpha \dot{\delta} \delta \epsilon \text {. [.] } \nu \\
& \left.{ }_{5} \quad\right] \omega \nu \nu \mu o \nu . \\
& \text { ] }{ }^{\prime} \psi \in \tau^{\prime}\left[{ }^{\prime \prime}\right. \\
& \text { ] } \\
& ] \text { ápò } \quad \stackrel{a}{a}[ \\
& \text { ]Tó[. .] }
\end{aligned}
$$

$$
\text { ] } \quad . \pi \kappa^{\prime} \in \xi \in \pi \in[
$$

$$
] \nu \alpha \xi \gamma \lambda \alpha \phi \dot{\rho} \rho a[
$$

$$
] \epsilon^{\prime} \kappa \check{\rho} \rho \sigma \alpha \eta \sigma \cdot[
$$

$10 \quad$ j $\quad$ аı $\sigma!\varphi[$
] $] \iota \sigma \phi \dot{\lambda} \lambda[$

Fr. 5.
] $\in \pi![$
$\kappa \alpha i \quad \mu \grave{\eta} \kappa \alpha \tau \alpha \iota \sigma \chi u ́ \nu \omega \mu \epsilon \nu$ [àvavסpiá?

[oi ?] $\tau \alpha \dot{\alpha} \delta \delta[\epsilon$
10 T $\alpha \nu \pi{ }^{\circ} \lambda \iota$

Fr. 3. Col. ii.

20
$\mu[$
$\gamma \in[$
\& $\begin{array}{ll}{[ } & ] \cdot[\cdot .] \ldots \alpha \pi \alpha ́ v[ \\ -[ & ] \cdot \kappa \alpha i \mu \alpha \lambda^{\prime} \\ \epsilon \omega \omega \nu \dot{\alpha}[ \end{array}$

- . 5 ] $u a ́ v \tau^{\prime}$ äı $\delta \rho o s$ тó入 $[\lambda$

10
] $\Pi \epsilon \lambda \alpha ́ \sigma \gamma \omega \nu$ Aio ${ }^{[ } \iota \delta$
] $\pi o \tau^{\prime} \epsilon \xi{ }^{\prime} E \pi \epsilon i \hat{\epsilon} \omega \nu$ ?
$\left.\alpha{ }^{\alpha}\right] \nu \alpha \xi \quad \gamma \lambda \alpha \phi \dot{\rho} \rho \alpha$
$] \in$ Kip $\rho \alpha \eta \sigma \cdot[$

] $\eta \alpha \iota \sigma \iota$ [
] $\sigma \iota \sigma \phi \alpha^{\lambda}[$

$\tau \hat{\omega} \nu \quad \sigma \phi[$
єЇनاкє [
$\tau \alpha i[s$
$\mathrm{I}_{5} \dot{\alpha} \lambda \lambda$. [ $] \operatorname{cov}[$
[. .]. [
Fr. 5.
] $\epsilon \tau[$
]ote[
[


Fr. 12.
]. [
] $\delta \alpha \mu \mu[\cdot] \nu[$
] $\sigma \sigma \mu \in \nu \in \tau[$
]ova $\rho \chi$ lav $\delta \in[$
5
] $\eta \delta \epsilon \delta \epsilon \kappa \omega \mu[$
]. $\delta \delta \eta \mu \phi$ [
]. oเбั̌т'v́mo . [
] $\alpha \iota \nu \omega \nu \cdot \epsilon \kappa[$
]
]. [.] $]$ ирроілои

Fr. 13.
] $]$ ]. $\nu \nu \nu \mu \alpha[$
]áu $\eta$.

Fr. 18.
] $\boldsymbol{\sigma} \boldsymbol{\epsilon} \cdot$ [
] $\alpha \nu \boldsymbol{\tau}$ [

Fr. 14.

]. $\omega \phi[$

Fr. 16.
]avar[
]ataio [
]opov[
] $\rho \psi \psi[$
]ute[ ]
Fr. 15.

Fr. 17.

Fr. 20.
] $\lambda \lambda!\pi \omega[$
] $\psi \in \kappa \alpha$
]
]
] $\iota \iota \omega \omega \cdot$ [
] $\sigma$

Fr. 21.
$]<\rho \alpha \kappa \alpha \mu[$
$] \tau \alpha \mu \epsilon \gamma \alpha \lambda[$
$] \cdot \alpha!\sigma \cdot \sigma \cdot[$

Fr. 22.
Fr. 23.
] $\pi \alpha \rho \mu \dot{\varepsilon} \nu[$


Fr. 19.
]. $\nu \delta \in \phi 0![$ ]Tivarpoф[

Fr. 9.

$$
\begin{aligned}
& \text { ] } \nu \text { ठ̀̀ } \tau \hat{\varphi} \text { [ } \\
& \text { ] } \sigma \iota \nu \pi \circ \eta \sigma[ \\
& \gamma] \grave{\alpha} \rho \stackrel{\text { قै }}{ } \boldsymbol{\sigma} \sigma \epsilon \tau^{\prime} \dot{\alpha}[ \\
& \text { ]. os oú } \delta \in[
\end{aligned}
$$

Fr. 10.
]. $\rho \mu a \tau[$
$] \delta \eta \nu \dot{\omega}[$
]. $\mu \eta[$

Fr. 11.
]
] $\lambda \iota \alpha \sigma[$
]s кáкод [

Fr. 12.
]. [
] $\delta^{\circ} \stackrel{\alpha}{\alpha} \mu \mu[l] \nu$ [
]os $\mu \in \nu \epsilon \tau[$
$\mu]$ ovapxíà $\delta \grave{\text { è }}$ [
$5 \mu] \eta \delta \AA ̀ \begin{aligned} & \delta \epsilon \kappa \omega\end{aligned} \mu\left[\epsilon \theta^{\prime}\right.$
]. $\iota \delta \eta \mu \phi 0[$
]. ovoí т' úno. [
]aiv $\nu \nu^{\prime}$ є́к[
]
].[.] Mupoiliou
$10] \ldots \in \phi \ldots v[.] . \delta \epsilon \ldots a[$ ].a...v.

Fr. 18.
] $\sigma \epsilon \cdot[$
Javт[

Fr. 15.
]opor[ ]ov $\psi[$
]. $\nu \hat{v} \nu \mu \alpha[$
$\gamma \bar{a}] \rho \pi \rho i \nu \quad \theta a[$
]av́ $\eta$.
Fr. 16.
] aủát[aıoı
] ăraus [

Fr. 17.

Fr. 19.
] $\tau \iota \nu a \pi \rho \circ \phi[$

Fr. 20.
Fr. 21.


5 ? $\left.{ }^{\ell} \nu\right]$ dík $\omega s^{\cdot}$ [
]s

| Fr. 24. | Fr. 25. | Fr. 26. | Fr. 27. |
| :---: | :---: | :---: | :---: |
| ] $\nu \pi \alpha \nu \tau \alpha \delta \varepsilon^{\prime} \nu \alpha[$ | ]o[ | ]¢po[ | ] $\lambda^{\prime} \iota$. [ |
|  | ] $\quad \mu \alpha L^{\text {[ }}$ |  | ] $\lambda i \pi \times$ |
| ]. $\tau \alpha \iota \pi 0[$ | ] $<\pi \tau \sim \nu \omega[$ | ] $\alpha \rho \in \tau \in \sigma$ [ | ] $\mu$ ¢! [ |
| ]r![ | ] $\delta \in \xi \in \tau \alpha<\delta[$ | ] $¢ \rho \alpha \pi \epsilon!$ [ | . . . |
| - . . . . | 5 ] $\quad \tau \alpha \kappa \check{\alpha} \kappa[$ ] $\nu^{\prime} \omega[$ |  |  |
| Fr. 28. | Fr. 29. | Fr. 30. | Fr. 31. |
| . | - . . . | - . | - . |
| $\epsilon \sigma[$ | ]. $\kappa \alpha$ [ $[$ | ] 0 D[ | ]кккооб |
| к $\alpha$ [ | ] . . $\sigma \pi \alpha \dot{\alpha} \sigma \sigma[$ | $\text { ]́á } \delta \delta_{\rho}[$ | ] . <br> ] Totov |
|  |  | $] \tau \eta \mu[$ | ]romov <br> lyapáy ${ }^{[ }$ |
| Fr. 32. | ]є $\epsilon \mu$ оробаїб $\sigma$ [ | . . | ] $\gamma \alpha \rho \alpha, \eta$ $\text { ] . . } \epsilon \gamma \omega v[$ |
| ${ }_{\epsilon} \xi^{\underline{\prime}[]^{\circ}}$ | 5 ]oooviatov ] $\beta \rho о \mu о \sigma \epsilon \nu \sigma[$ | Fr. 33. | 5 ] ${ }^{\text {c }}$ [ |
| $\kappa \alpha<\underline{[ }$ |  | . . . |  |
| $\overline{\omega \tau}{ }^{\text {a }}$ | ] $\alpha \iota \nu 0 \mu \in \nu$ [ | ]ayád. [ |  |
|  | - . . . | ] $\alpha \mu \eta \cdot$ [ | Fr. 34. |
|  |  | ].. [ |  |
| Fr. 35. | Fr. $3^{6}$. | Fr. 37. | Fr. $3^{8 .}$ |
| - - |  |  |  |
| ]ov[ | ]. [ | ] $¢$ p $\omega$. [ | ]. $\alpha \underset{\sim}{\lambda}[$ |
| \} ¢ооц! ${ }^{\text {[ }}$ | ]. $\xi \in \nu[$ | ]. [ |  |
| . . . |  |  |  |

Fr. 39.
3.

Fr. 40.
] $\nu \omega \kappa[$

Fr. 4 .



Fr. 1. i. ı sqq. The length of the initial lacunae is estimated from $11 . \mathrm{I}_{5} \mathbf{- 1 7}$; in one or two lines the resulting number of letters is rather scanty, e.g.l. ro, but could be slightly increased if one or two narrow letters such as $a, t, \lambda, \rho$ be supposed to have occurred.

1. The two first and two last letters, of which only the bases remain, were round.
2. $\epsilon$ Xxpats, e. g., would be consistent with the very slight vestiges preceding $\rho$. In the note opposite this line the horizontal dash possibly distinguishes a syllable separately mentioned. The note may have been continued in a second line.
3. ] Jє : or perhaps $\nu \epsilon \nu$.
4. The letter after $\theta$ may be either $a$ or $\lambda$, the papyrus being damaged where the cross-bar of the $a$ would be. The following vertical stroke is so close to o that the choice seems limited to cor $\rho$. A small slightly curved stroke starting from near the base of this letter on the right-hand side is not easily accounted for and was possibly unintentional. [ $[$ ] Aapos could be read but is unconvincing in so doubtful a context, especially as a broader letter than $\iota$ would be expected. After $\kappa$, $\iota$ or $\rho$ is perhaps most likely.
 not return evil for good'; the diastolê was wrongly placed. The interlinear variant $\dot{\epsilon} \pi$ оvá $\mu \epsilon[\nu]$ o七 supports the form '̇тóvaatv in Alc. 46.
5. $\nu$ after the lacuna is due to the hand which wrote Gunevovtov in the margin; the a following also shows signs of alteration. To judge from 11. 15-17, something rather shorter than 广aцєvoviov originally stood in the text.
6. $\xi v \sigma r o \phi o[\rho \dot{\eta}] \mu \epsilon[\nu o s: ~ t h e ~ v e r b ~ w a s ~ a p p a r e n t l y ~ n o t ~ p r e v i o u s l y ~ a t t e s t e d . ~$
7. $\gamma \lambda v x \epsilon \omega s$ : if the first letter is $\gamma$, which looks probable, the second must be either a or $\lambda$, and $v x$ are consistent with the very scanty vestiges in the third and fourth place. The question of the reading here is complicated by the marginal annotation, which is no doubt a variant, the letters $\tau a \nu$ and $\omega \sigma$ corresponding with the text; but there seems to have been a considerable divergence otherwise, since $\gamma \lambda[$ cannot be read.

11-13. Fr. 2, which was found with Fr. 1, has been assigned to the ends of these lines with considerable hesitation. Its external appearance is favourable to the combination, and
 of 11.1 I and 13 , especially the former, are difficult. In 1 . II a letter is desirable, though perhaps not absolutely essential, between $\sigma$ and $\pi$, after which either $a$ or $\lambda$ can be read. Earlier in the line the small colon before $\pi o ́ \lambda \lambda a \sigma$ is possibly a stop, such double dots being sometimes used for punctuation, even in company with single dots (cf. e.g. 1809-10); or it may be connected with the marginal adscript. In Fr. 2 the letter before $a \mu$ is represented by a mere speck, which is capable of many interpretations; that before the final $a$ was $\gamma, t, \rho$, or $\tau$. In the marginal note opposite it is not clear whether the mark above the last letter denotes an abbreviation. In 1.13 on the edge of the papyrus above the left-hand upright of $\mu$ there is a small semicircular mark which might be e.g.the remains of a dot enclosing an over-written letter. In l. $\left.12 a^{i z} \theta\right]$ ، $\mu \dot{\epsilon} \nu \eta \nu$ may be suggested (cf. 1787. 36. 2).

14. $\epsilon]_{\chi \eta \iota}$ or $\left.\lambda a\right]_{\chi \eta \iota}$ would suit the vestiges. The first letter may be $a, \kappa, \lambda$, or $\chi$, the second, $\eta, \mu, \nu, \pi$; and $\gamma \dot{\rho} \mu о \nu$, -ot or $-\epsilon \iota$ are equally possible.



 Hermann, $\tau \hat{\omega} \pi$. ' $\nu \epsilon ́ \mu \omega$ by Gaisford, and $\tau \hat{\omega} \pi$. ' $\nu \epsilon \in \mu \omega$ by Blass. Of these the last alone is consistent with the papyrus, though ' $\nu \epsilon \prime \mu \omega$ is not of course necessarily right. Fr. 37, which possibly belongs here, does not help.
16. The v.l. $\pi a \rho \epsilon \xi \eta$, is abnormal.

 though the true version of the fourth line of the stanza is not yet within reach.
19. ] $\sigma$ : $\epsilon$ is equally possible. That a dot further on above the line represents a stop is quite uncertain.
ii. I. Perhaps ${ }^{\omega k} \kappa \sigma \tau[a$ roixous, as Murray suggests, but the object may have stood in the preceding line and this one have ended with e. g. vâos (Lobel).
2. єs: cf. 1. 13, 1234. Fr. 1. 10 (Part XI, p. 56), and Sapph. I. 19, where the MSS. give 's. $\epsilon$ 's is normal for Aeolic, though ''s is hardly to be avoided in 1232. Fr. 2. 3.
3. For $\mu$ ó $\lambda$ өaкos, which seems to be novel, cf. 1233. i. 2. 10 кó $\theta a \rho o v, \& c . ;$ the superscribed variant would eliminate the Aeolism, as in 1. 5 below and Fr. 22. 2. őkvos
 like $\epsilon i \sigma \beta a ́ \lambda \omega \nu$ or $\epsilon \not \mu \pi \epsilon \dot{\epsilon} \sigma \nu \nu$ may be suggested.
4. The v. l. $\lambda_{a} \beta \eta$ seems preferable to $\lambda_{\alpha} \eta$. $\sigma \nu \mu \phi \phi^{\prime} \rho o \nu$ is highly conjectural ; the clause
 Lobel suggests.
5. $\pi \dot{\alpha} \rho o t \theta a$ is analogous to e.g. $v \pi \iota \sigma \theta a$. At the end of the verse $\mu[\dot{\omega} \mu \omega$ seems to suit the contrast between $\tau \hat{\omega} \pi$ ápot $\theta a$ and the emphatic $\nu \hat{\nu} \nu$ at the beginning of the next line better than e. g. $\mu\left[\sigma_{\chi} \chi \theta \omega\right.$ or $\mu[\dot{v} \theta \omega$; the v. I. $\tau \bar{\omega} \nu$ is however perhaps rather in favour of one of the latter words.

13. єiซเкє: or єiซiкє[ $\tau^{\prime}$ ? Cf. n. on 1.2. But es may be the termination of a divided word.
23. The position of the visible remains suits a stichometrical figure ( $a$ ? 8 ?) rather than an initial letter, for though the scribe has, as usual, a tendency to edge towards the left as he proceeds with the column, the movement is elsewhere only gradual; moreover, the horizontal stroke projects considerably too far for his usual paragraphus. On the other hand the supposed figure is closer to the column than would be expected.

Frs. 4-5. These two small fragments were found, like Fr. 2, with the bulk of Fr. i.
somewhat apart from the rest, but it does not of course necessarily follow that they belong to that column.

Fr. 6. 2. Either ]a' (diastolé) or $\lambda^{\prime}$ (elision) can be read. At the end of the line a was perhaps followed by a round letter ( $\sigma$ ? ) the ink of which has run slightly.
 à $\delta \rho o \delta i k a s$.
7. The occurrence of the Doric пока here is strange, $\pi$ oтa, as in the v .1 ., being well attested for Aeolic.
9. The remains of this line are difficult. According to the Etym. Magn. Kipoa was another form of Kippa, the Phocian coastal town, and a geographical name is not out of keeping with the rest of this fragment, especially if $\gamma \lambda a \phi \dot{v} \rho a\left[\right.$ in 1.8 be taken to imply $\begin{array}{l}\eta \\ \eta\end{array}$ s. But the following letters are awkward. There are slight vestiges round a small hole in the papyrus above the $a$, so that a letter may have been added, but the traces suggest nothing suitable.

Fr. 7. This fragment and the next both show a junction between two selides and almost certainly belong to the same column, Fr. 7 being from the top of it; but there seems to be a lacuna between them. There is a similar junction in Fr. I I, but that that fragment came from the same column as Frs. 7 and 8 is doubtful.

1. $\dot{\epsilon} \pi r$ ] ra $\delta \dot{\epsilon} \omega \mathrm{s}$, like $\tau \hat{a} \nu \delta a-$ in l. 3, is a v.l., as is indicated by the enclosing dots.
 termination of which corresponds. The question arises whether $\mu \in \nu \nu \nu$ in the second line of the scholium is part of the word $a \pi 0 \lambda \epsilon \lambda \epsilon \epsilon \mu \mu \epsilon \nu 0 \nu$ or of a second explanatory participle; it is much more cursively written, and on the whole is best regarded as distinct and the writer as the author of the more cursive annotations in Fr. 1. i.

Fr. 8. 2. $\epsilon$ is followed by a vertical stroke consistent with e. g. $\mu, \nu, \pi, \rho$. 4. ذ] $\downarrow \nu \epsilon ́ \chi \in!, \sigma \nu] \nu \nu \epsilon ́ \chi \epsilon!$ ?
5. e. g. $\dot{\alpha} \nu] \dot{\omega} \nu \nu \mu o \nu, \dot{\epsilon} \pi \dot{\omega} \nu \nu \mu o \nu$. The corrector wished to double the $\nu$.
6. The variant here seems to be by the original hand.
8. Some vestiges opposite this line are very doubtfully deciphered.

Fr. 9. 1. $\omega$ is preceded and followed by the bases of vertical strokes which can be variously read.
3. $\gamma\rceil$ à $\rho$ "̈ $\sigma \sigma \epsilon \tau$ ': or $\pi$ ]apé $\sigma \sigma \epsilon \tau^{\prime}$ ? A small curved mark above the $\tau$ appears to be part of a sign of elision.

Fr. 12. 4. $\epsilon$ is very doubtful : o or $\omega$ is equally possible.
6. o[: or $\epsilon$.
7. $\ddot{v} \pi \mathrm{o}$. [: or $\nu \pi^{\prime} \dot{\circ} \cdot[$. As the last letter $\mu, \nu$, or $\pi$ is probable.
8. This was no doubt the last verse of the column.
ro-ir. The ink here is much effaced.
Fr. 13. This fragment may well be from the top of a column.
3. Perhaps $i] a \dot{\eta} \eta \nu$, with $\theta a[v a \tau \ldots$ in the previous line ; but $] a_{\chi} \eta \nu$ is possible.

Er. 17. The ligature below the line shows that the letters belong to a compound word.
Fr. 19. That this fragment belongs to 1789 is not certain.
Fr. 22. 2. For the v. 1. removing the Aeolic form cf. Fr. i. ii. 3, n. The last letter may be $\gamma$ instead of $\pi$.

Fr. 23. 3. If the dot was a high stop, this line was separated from the preceding one by an unusually broad space.

Fr. 25. 6. The mark after $\nu$ may signify either elision or division of words.
Fr. 26. 2. The supposed stop is uncertain and is perhaps the vestige of another letter ( $\sigma$ ? ).

Fr. 28. This fragment from the bottom of a column does not come from Fr. I. ii, and the appearance of Fr. $3^{2}$ is also different.

Fr. 29. 4. Possibly ḍat[os or - ov, as in Aesch. Eum. 565. $\pi$ may be read instead of $\tau$, but not , or another vowel, apparently. ats cannot be Acc. Plur. Fem. unless the accent was mistaken.
7. $\mu \mathrm{a}] \nu \iota \dot{\omega} \delta \eta$ is a gloss on $\mu]$ a $\nu \dot{\rho} \mu \varepsilon \nu\left[\right.$ ${ }^{2}$.

Fr. 31. 2. The interlinear $\epsilon$ is part of a variant.

Fr. 33. 2. The dot after $\mu \eta$ (?) is raised a little above the line, and might possibly belong to an interlinear v.l., instead of being a stop.

Fr. 40. This fragment is probably from the bottom of a column, but is apparently not to be connected with Fr. 12, in spite of the similarly placed scholia.
2. The significance, if any, of the dot on the left of the accent is not evident. A corresponding dot on the right cancelling the accent should be visible if written. The occurrence of the accent is rather against the supposition that the $\iota$ was to be deleted.

Fr. 41. I. ] $\lambda$ - is an interlinear v.l.
5. The variant $\delta \bar{\eta} v$ implies $\delta a v t \varepsilon$ in the text.
1790. IBYCUS.

Height 20 cm . First century b. с. Plate III (Frs. $2+3$, Col. ii).
Remains of three consecutive columns from the end of a roll containing lyric poetry in Doric dialect, with a few smaller pieces from a preceding column or columns. The good-sized and ornate but rather crabbed uncials are of a decidedly early type, and seem to belong to the middle or latter half of the first century B. C. Stops in two positions (high and middle), marks of diaeresis and quantity, breathings and accents have been inserted not infrequently, and many of these have the appearance of being subsequent additions, due perhaps to the writer of the cursive note at the foot of the third column, whose hand suggests the first century A.D.

The short third column, besides having a blank space below it, is succeeded by a complete width of 13 centimetres of papyrus, but unfortunately this contains no title and the identification of the poet is left to conjecture. Internal evidence, however, so narrows the choice that only one name seems
practically possible, that of Ibycus of Rhegium. In the penultimate line the author addresses Polycrates, to whom he ascribes imperishable fame. This can hardly be other than the well-known tyrant of Samos, who became a patron of the arts, and to whose court went Anacreon and, according to the common accepta-• tion of a rather confused note in Suidas, also Ibycus. ${ }^{1}$ Anacreon is excluded at once by the dialect, which however is entirely suitable to Ibycus. A further argument in favour of the identification is provided by the metre, in which among some less expected features the dactylic sequences frequent in the extant fragments of both Ibycus and Stesichorus are prominent.

The previously known fragments of the poet, apart from isolated words and references, number a bare thirty, and the longest of them consists of but eleven lines, so that a consecutive piece of about four times that length, assuming that it is his, must be reckoned a very substantial gain. It relates to the story of Troy, to which several of the extant fragments also refer (Ibyc. 9, II-I3, $34^{-8}$, Bergk). After speaking of the destruction brought down on the city of Priam by the beauty of Helen the poet disclaims any intention of celebrating the various actors in that great drama, a theme better suited to the art of the Muses than to mere human skill. By this negative method he contrives to glance at the chief figures and several incidents of the story. The style is simple and flowing, and there are repeated Homeric reminiscences in the phraseology. While the general effect is pleasing enough, what remains of this poem can hardly be said to justify the somewhat arrogant claim of the closing passage, in which the author implies that his poetic fame will rival that of his patron in other fields. But the recovery of a considerable specimen of his heroic manner, of which the present may presumably be taken as a sufficiently representative sample, is none the less welcome.

Metrically the piece is of much interest. Though, as in 1361, the copyist contrary to the usual practice has not indicated the main divisions by paragraphi, the strophic responsion is evident. A short strophe and antistrophe of four lines is followed by an epode of five lines, the scheme being as follows :-

Strophe.


[^1]Epode.


It was maintained by Schneidewin (Ibyci Reliqu. p. 78) that Ibycus like Stesichorus used lengthy strophes similar in compass to those of Pindar. We now see that this is not true of all his poems at any rate, if indeed of any ; and the more cautious judgement of Maas (Pauly-Wissowa, Realencycl.) is well justified. Of the individual verses employed several have parallels in the existing fragments', scanty as they are. The dactylic dimeter of the strophe occurs repeatedly ; see Ibyc. 1.5-6, 5. 1-2, 16.4, and cf. Stesichorus 2. For Strophe 1. 3, cf. Ibyc. 1. 8, 9. 2, for Epode 1-2, Ibyc. 15, 18, 27, Stesich. 10, 48, and for Ep. 3, Ibyc. 26. I, Stesich. 48.

A purer dialect is shown by these fragments than by the extant remains of Ibycus and Stesichorus, where the mixture of forms is partly no doubt due to copyists. छ̇єıvađátas (1. 10) and Пou入vкрátทs (1. 47, По入. Pap.) are metrical Ionisms which appear also in Pindar. $\dot{\epsilon} \sigma \theta \lambda o o^{\prime}$ is apparently written, and $\dot{e} \lambda$ ev́rav (1. 18) is noteworthy. Whether èrquato in 1. 41 is more than a vagary of the papyrus is not clear. No example occurs of the $\sigma \chi \hat{\eta} \mu a{ }^{\prime}$ 'I $\beta \dot{v} \kappa \epsilon t o \nu$. In its accentuation the papyrus follows the Doric system (e.g. 1. 2 quápov,
 and the Berlin fragments of Corinna (Berl. Klassikertexte, V. xiv). The additional accents supplied in the reconstructed text follow the same system so far as possible, but the present state of our knowledge does not enable this to be carried out with much confidence.

Frs. I +2. Col. i.
] $\alpha \iota \alpha \rho \delta \alpha \nu \iota \delta \alpha \pi \rho \iota \alpha \mu о \iota \rho \epsilon$

] $0 \theta \in \nu 0 \rho \nu \nu \mu \in \nu 0$,
l $\nu 0 \sigma \mu \in \gamma \alpha \lambda o \iota o ß o u \lambda \alpha \iota \sigma$
$] \nu \theta \hat{\alpha} \sigma \epsilon \lambda \epsilon \nu \alpha \sigma \pi \epsilon \rho\llcorner\epsilon \in \iota \delta \epsilon i$
] $\rho \stackrel{\nu \pi \pi о \lambda \nu v \mu \nu о \nu є}{ } \times[\cdot] \nu \tau \epsilon \sigma$

] $\gamma \alpha \mu о \nu \delta \alpha \nu \in[\cdot]] \tau \alpha \lambda \alpha \pi \epsilon \iota \rho \iota 0[] \tau \alpha$ ] $\sigma о \in \theta \epsilon \iota \rho \alpha \nu \delta[.] \alpha \kappa v \pi \rho \iota \delta \alpha$.
10 ] $1 \delta \epsilon \mu \circ$ óóvт $\epsilon \xi \in \epsilon \nu \alpha \pi \alpha ́ \tau \alpha \nu \pi$ [ ] $\nu$
 ] $\nu \hat{\nu \kappa \alpha \sigma \sigma \alpha \nu \delta \rho \alpha \nu}$ ] $\alpha \mu_{0} \circ \tau \epsilon \pi \alpha \iota \delta \alpha \sigma \alpha \lambda \lambda 0 \varphi[$ ] $\iota \sigma \theta v \psi \iota \iota v \lambda o \iota o a \lambda \omega \sigma \iota[.$. .]. [
 $] \omega \omega \nu \alpha \rho \in \tau \alpha \nu$


] $\bar{\iota} \kappa \alpha \kappa о \nu \eta \rho \omega \alpha \sigma \epsilon \sigma \theta[$
]. $\epsilon \nu \kappa \rho \epsilon \epsilon \omega \nu \alpha \gamma \alpha \mu \epsilon[$
Frs. $2+3$. Col. i.
$[\uparrow] \rho \chi \in \pi \lambda \epsilon \iota \sigma \theta[\ldots] \delta \alpha \sigma \beta \alpha \sigma \iota \lambda[..] \sigma \alpha \gamma \sigma \sigma \alpha \nu \delta \rho \omega_{2}$ $\alpha \tau \rho \epsilon \sigma \sigma \epsilon \sigma[. . .$.$] . \alpha \check{\sigma} \sigma \epsilon \kappa \pi[. . ..] \sigma$. $\kappa \alpha \iota \tau \alpha \mu \epsilon[$. . . $] \mu$ о́ı $\sigma \alpha \iota \sigma \epsilon \sigma \circ \phi[. ~.] \epsilon ́ v \alpha \iota$

25 Өvaтобסọ!к[]p $\alpha \nu \eta \rho$ $\delta \iota \in \rho \rho[. . . . . ..] \tau \alpha \epsilon \kappa \alpha \sigma \tau \alpha \epsilon เ \pi о \iota$ $\nu \alpha \omega ิ \nu .[. . . ..] \in \lambda \alpha o \sigma \alpha \pi \alpha \nu \lambda i ́ o o \sigma$ $\alpha \iota \gamma \alpha i ̂ o \nu \delta \iota[$. . .] $\quad$ тор $\alpha \pi \alpha \rho \gamma \in \circ \sigma$ $\eta \lambda \dot{v} \theta \epsilon \in[. . . . . . .]$.
30 [.] $] \pi \pi о \tau \rho \circ \phi \varrho[. ~ . ~ . ~ . ~.] \epsilon \phi \omega \tau \epsilon \sigma ~$
$[.] \alpha \lambda \kappa \alpha \sigma \pi[. ~ . ~ . ~ . ~] ~] ~ \sigma \alpha \chi \chi \iota \omega \nu$

Frs．I＋2．Col．i．
：［oî к］$\alpha$ ì $\Delta \alpha \rho \delta \alpha \nu i ́ \delta \alpha ~ \Pi \rho \iota \alpha ́ \mu о \iota o ~ \mu ́ ́-~$
$\dot{\alpha} \nu \tau \iota \sigma \tau \rho$.

3 ［ $\left.{ }^{\prime} A \rho \gamma\right]$ ］ $0 \in \boldsymbol{\partial}$ ỏ $\rho \nu \nu \mu \epsilon ́ \nu o \iota$
4 ［Z $Z_{\text {］}}$ ıòs $\mu \in \gamma$ ádoıo ßou入aîs
$5{ }^{1}[\xi \alpha] \nu \theta \bar{\alpha} s{ }^{\text {＇} E \lambda \epsilon ́ v a s ~} \pi \epsilon \rho i ̀ \epsilon i \delta \epsilon \iota$
$\dot{\epsilon} \pi$ ．

3 ［ $\pi o ́] \lambda \epsilon \mu о \nu \kappa \alpha \tau \grave{\alpha} \delta \alpha \kappa \rho[\nu \check{\prime}] \in \nu \tau \alpha$ ，




$3[\dot{v} \mu] \nu \bar{\eta} \nu$ K $\alpha \sigma \sigma \alpha \dot{\alpha} \nu \delta \rho \alpha \nu$
4 ［ $\Pi \rho \iota] \alpha ́ \mu o เ o ́ ~ \tau \epsilon \pi \alpha i ́ \delta \alpha s$ ä $\lambda \lambda o v[s$


3 ［ $\dot{\eta} \rho] \omega \in \omega \nu \dot{\alpha} \rho \epsilon \tau \grave{\alpha} \nu$
4 ［iँ $\pi] \epsilon \rho a ́ \phi a \nu o \nu$ ои̃ $\sigma \tau \epsilon$ коí入a［l
 $\dot{\epsilon} \pi$ ．

203 ［ $\tau \hat{\omega} \nu] \mu \grave{\epsilon} \nu \quad \kappa \rho \epsilon i ́ \omega \nu \quad ' A \gamma \alpha \mu \epsilon \in[\mu \nu \omega \nu$
Frs．2－3．Col．i．






$.^{1} \nu \alpha \hat{\omega} \nu, \dot{\omega}[s M \epsilon \nu] \epsilon \dot{\lambda} \lambda o s \dot{\alpha} \pi{ }^{\prime}$ Aú入ídos $\dot{\alpha} \nu \tau \iota \sigma \tau \rho$ ．

3 グ $\lambda \nu \theta \in[\Delta \alpha \rho \delta \alpha \nu i ́ a] \nu$

${ }^{1}[X] \alpha \lambda \kappa \alpha ́ \sigma \pi[\iota \delta \epsilon \varsigma, v i] \in s{ }^{\top} A X \alpha[l] \hat{\omega} \nu$ ．
$\dot{\epsilon} \pi$ ．
[.] $\omega \nu \mu \epsilon \nu \pi \rho[$ [. .] $\epsilon \rho \in \sigma \tau a \tau о \sigma \alpha[\cdot] \times \mu \alpha![$
[. . .] . $\pi о \delta[. ~ . ~.] \kappa v \sigma \alpha \chi \perp \lambda \lambda \epsilon \dot{v} \sigma$
[. . . . .] $\gamma \alpha \sigma \tau[. . ..] \omega \nu \iota o \sigma \alpha \lambda \kappa \iota[$
35 [. . . . . .] . $\alpha \tau[$. . . . . . . $] \gamma \nu \rho o \sigma$.
[. . . . . . . . . . . . .] $] \sigma \alpha \pi \alpha \rho \gamma є o \sigma[~$
[. . . . . . . . . . . . . . .] $\sigma \epsilon \sigma \iota \lambda \iota \circ \nu$
[. . . . . . . . . . . . . . . .]
[., . . . . . . . . . . . .] . [.] .
$\epsilon$
40
[. . . . . . . . . . . . .]axpv ${ }^{2} 0 \sigma \tau \rho o \phi[$

Frs. $2+3$. Col. ii. Plate III.

$\omega \sigma \epsilon \iota \chi$ рибovòpढ̀t

тршє $\boldsymbol{\delta} \delta[\cdot] \nu \alpha o ́ \iota \tau ' є \rho o ́[.] \sigma \sigma \alpha \nu$

то८ $\sigma \mu \epsilon \nu \pi \epsilon \in \delta \alpha \kappa \alpha \lambda \lambda \epsilon о \sigma \alpha \iota \epsilon \nu$.
$\kappa \alpha \iota \sigma v \pi о \lambda$ и́кратєбклєобаф $\theta \iota \tau 0 \nu \epsilon \xi \in \hat{\imath} \sigma$
$\frac{\dot{\delta}}{\frac{\delta}{6}} \omega \sigma \kappa \alpha \tau[.] .0 \iota \delta \alpha \nu \kappa \alpha \iota \epsilon \mu о \nu \kappa \lambda \epsilon \circ \sigma$,

50



[. . . . . .]via!. .[. .]. €. [.]. . . . .

Fr. 4.
Col. i.



4 [каi $\mu \epsilon ́] \gamma \alpha s$ T $[\epsilon \lambda \alpha \mu] \omega \nu \iota o s$ ä $\lambda \kappa \iota[\mu о s$ Aías
355 [...... ]. a $\alpha\left[. . . . . \alpha^{\rho} \rho\right] \gamma v \rho o s$.

| ${ }^{1}$ [ | 15 letters | Jos án' 'Apreos | $\sigma \tau \rho$. |
| :---: | :---: | :---: | :---: |
| 2 [ | 16 " | ]s és "İlov |  |
| 3 [ | :, " | ] |  |
| 4 | 15 " | ]. [.]. |  |
| 40 1 [ | 14 |  | $\dot{\alpha} \nu \tau \iota \sigma \tau \rho$ |

Frs. $2+3$. Col. ii.












$[\tau \in \cup \sigma \epsilon] v$ is $\epsilon$. [. .] . $\epsilon$. [.] . . . . .

Fr. 4.
Col. i.
Col. ii.
Fr. 5.
Fr. 6.


$$
\begin{aligned}
& \sigma o[ \\
& \alpha[ \\
& \epsilon \cdot[ \\
& \nu v \sigma \sigma o v[ \\
& 5 \text { dं } \sigma \pi i \delta \alpha \alpha[ \\
& \text { roi } \delta^{\prime} \alpha \hat{u} \times \alpha[
\end{aligned}
$$

$$
\begin{aligned}
& \delta \alpha \sigma \epsilon[ \\
& \text { [.] }] \nu \theta[ \\
& {\left[{ }^{\prime}\right] X^{\nu} \iota \alpha[ } \\
& \alpha^{\prime} \theta^{\prime} \text { oía } \\
& 5 \text { аıтє } \lambda v \text { [ } \\
& \pi \alpha[
\end{aligned}
$$

```
    ]ol[
    ]
    [ ]
    ]0
5 ]ké[
] \nu\eta[
```

| Fr. 7. | Fr. 8. |
| :---: | :---: |
| , | j |
| ]. | ]. [ |
| ]ктט | ] $\sigma \iota \nu \boldsymbol{\pi}[$ |
| ] $\nu$ ¢ $\eta$ ¢ $¢$ ¢ $\gamma \alpha[$ | ] $\dagger$ oo ${ }^{\text {d }}$. [ |
|  | ] $\lambda \lambda$ o 0 |
| - | $5] \leqslant \cup \mu[$ |

Fr. 9.

| ] $\delta^{\prime} \alpha \rho \in[$ | ] $\lambda c$ [ |
| :---: | :---: |
| . . . | $] \sigma \pi[$ |
| Fr. | $] \pi \pi[$ |
| . . |  |
| ]ou[ |  |
| ]¢¢́á[ |  |

Fr. 12.

Fr. 13 Fr. 14.
Fr. 15.
Fr. 16.
‘. . . who destroyed the famed great and wealthy town of Priam son of Dardanus, setting out from Argos by decree of mighty Zeus and ensuing an oft-sung strife for fair-haired Helen's form, in tear-stained war; and vengeance overtook miserable Pergamon because of golden-tressed Cypris. But it is not now my desire to sing of cheating Paris or slenderankled Cassandra and the rest of the children of Priam or the capture of lofty-gated Troy, which is no unfamed theme; nor do I tell again of the supreme prowess of the heroes whom the hollow well-nailed ships brought, a freight of noble heroes fatal to Troy; whose captain was lord Agamemnon of the race of Pleisthenes, king and leader of men, the son of noble Atreus. Such things might the Muses of Helicon, versed in wisdom, well essay, but a living mortal man could not tell all the tale of the ships, how that Menelaus went from


| Fr. 12. | Fr. 13. | Fr. 14. | Fr. ${ }_{5}{ }^{\text {a }}$. | Fr. 16. |
| :---: | :---: | :---: | :---: | :---: |
| . | - . | . . . | . . | - . . |
| ] $\operatorname{\nu o\sigma }$ [ | ]ıф $\alpha$ [ | ] | ] $\sigma[$ | ] $\chi^{\lambda \alpha}$ \% $[$ |
| ]. [ | ] | ] | ] | ] |
| ] $\mu$ [ | ] | ] $\omega \tau 0[$ | ] $\lambda_{\text {é }}$ | ] |
| [ ] | ]T! $\cdot[$ | . . . | ]o. | . . . |
| 5 [] | - . |  | 5 ]oo[ |  |
| ]. [ |  |  | ] PX [ |  |

Aulis over the Aegean sea from Argos to Dardania rich in horses, and with him the men of brazen shields, sons of the Achaeans. Foremost of them in battle came swift-footed Achilles, and great Aias doughty son of Telamon . . . and he whom gold-girt Hyllis bare, to whom Trojans and Danai likened Troilus in loveliness of form, even as thrice-refined gold to copper. Beauty imperishable is theirs; and thou too, Polycrates, shall have undying glory, such as is my glory in song.'



 ä $\downarrow$ өıто⿱ ( $\mathrm{I}_{4} \mathrm{I} 3$ ).

5. The diaeresis on $\epsilon \iota \delta \epsilon$ is evidently mistaken ; cf. ll. 18, 3 1, 44.
8. The letters ]ra, l. 1о ] $\nu$, and the vestige at the end of 1.14 are in Fr. 2. i, which is separated from Fr. i by a short lacuna.
10. The term $\xi \in \nu a \pi a ́ t \eta s$ is applied to Paris in Eurip. Troad. 866.

II-12. тavi $[\sigma \phi]$ vp $[o \nu]$ : so e.g. Bacchyl. iii. 60 , v. 69. Cassandra occurs also in Ibyc. 9.
14-15. क] ${ }^{\prime}$ ' seems to be the easiest connecting link between these two lines, and the vestige, though very small and ambiguous, is consistent with $\gamma$. [ov $\gamma$ ]á in 1.15 is excluded by the difficulty of completing the preceding verse ; the plural $\dot{\alpha} \lambda \dot{\omega} \sigma \varepsilon[a s]$ is not at all probable, especially with iv $\dot{\nu} \nu \nu \rho_{\nu}$ following. At the end of $1.15 \gamma$ is an alternative to $\pi$; a new verb seems wanted here in any case.
18. $\pi 0 \lambda \dot{u} \gamma \sigma \mu \phi o s$ is an epithet of $\nu \bar{\eta} \epsilon s$ in Hesiod, $O p$. 658. For $\epsilon \lambda \epsilon \dot{v} \sigma a[\nu$ cf. $\epsilon \pi \epsilon \lambda \epsilon \dot{\theta} \theta \omega$ in
 ті̀ тєт $\boldsymbol{\tau}$ ако́s.
19. '̇ $\sigma \theta[\lambda o u ́ s$, which was suggested by Lobel, and makes an effective contrast to [Tooí]a кakóv, is a doubtful but quite possible reading, the papyrus at the top of the $\sigma$ being defective so that there is an appearance of two strokes. The form $\dot{\epsilon} \sigma \theta$ ós is indicated also in 1.22 and recurs in Ibyc. 19. $\quad \eta \rho \breve{\omega}$ os is read by Ludwich and others in Homer $\zeta 303$.
21. $\Pi \lambda \epsilon \epsilon \sigma \theta\left[\epsilon \epsilon_{i}\right] \delta a s: c f$. Stesichorus $42 \beta a \sigma i \lambda \epsilon i s, \Pi \lambda \epsilon \epsilon \sigma \theta \epsilon \nu i \delta a s$. It would follow from the present passage, if Murray's $\pi[$ arpó $]$ s in 1.22 is right, that Ibycus regarded Agamemnon as the son of Atreus (cf. e. g. Eurip. Hel. 390-2) and Pleisthenes as a more remote ancestor (grandfather?). According to Apollodorus iii. 2. 2 Pleisthenes was the father of Agamemnon, and it would be possible to make our poet an exponent of that view by reading $\left.\epsilon^{\prime} \kappa \gamma^{[\epsilon ́ v o v}\right] s$, which is palaeographically admissible, in place of $\epsilon^{\prime} \kappa \pi$ arpó]s. That, however, would be questionable on metrical grounds, since the corresponding syllable, as Housman observes, is short wherever preserved (ll. 9, 35, 45). The statement of Tzetzes in Il. p. 68 that the sons of Pleisthenes, who died young, were brought up by Atreus represents an endeavour to harmonize the conflicting genealogies.
24. The end of this verse seems to be corrupt, since two short syllables are necessary for the metre, and a heteroclite form 入ó $\boldsymbol{\gamma}_{a}$ is incredible. tor $\pi$ can be read in place of $\gamma$, but these do not help. Murray proposes to emend to móda, but the pleonasm is not attractive in a metaphorical passage. $\dot{\epsilon} \mu \beta$ aivelv is commonly used with the dative or a preposition, but Euripides has é $\mu \beta$ aivováa кé $\lambda \epsilon v \neq o \nu$ in Suppl. 989.
25. oű $\kappa[\epsilon] \nu$ is more euphonious than ov่к $[a ँ] \nu$, with à $\nu \eta \eta^{\prime} p$ following.
 of the $o$ is slight but suitable. Unless there was a flaw in the papyrus, something else besides $\delta$ tepos must have been originally written, but sense and metre are complete as the verse stands. $\kappa a] r a$ for $\kappa a] \theta^{\prime}$ would not nearly fill the space.
27. A slight vestige after $\nu a \hat{\omega} \nu$ suits a round letter and is inconsistent with $a$, so that ais is excluded.
29. If $\dot{\eta} \lambda \dot{v} \theta \epsilon$ is right, [ $\Delta a p \delta a v i a] p$ (Murray) is the natural restoration, but the accent on $\eta \lambda \lambda u \theta_{\epsilon}$ must apparently be corrected (cf. Apollon. De Synt. iii. 7. 33 (p. 213 Bekker) and
 read; the plural, however, is less natural.
 $[i] \pi \pi$ отро́ф $[$ [ $\iota$
31. $[\chi] a \lambda \kappa \alpha ́ \sigma \pi[\iota \delta \epsilon \varsigma, v i] \in s$ Housman.
33. $[\beta$ air $\nu] \in[\downarrow]$ or $\left[\chi \omega_{\rho}\right] \in[i]$ is unconvincing, though palaeographically possible; $[i \xi \epsilon] \nu$ seems
objectionable on account of the hiatus，unless this could be excused by the original digamma；cf．I． 5 ．

36．Perhaps Tuóéos vij］os，as Lobel suggests．There should be a mention hereabouts of Teucer，to whom the note at the foot of the column refers．Line 35 would be the natural place for him，but ap］rvpos is a difficulty．

40－1．The reference in this passage mentioning some hero conspicuous for beauty but nevertheless surpassed by Troilus as much aj copper by gold，remains obscure．Hyllis is unknown，except as a name of the nymph＇Apreia according to Steph．Byz．s．v．＇rגлeis． Nireus，whose parentage is stated by Homer B 672，can hardly be meant，nor is e．g． Eurypylus（cf．$\lambda_{522}$ ）suitable．In I． 40 xpvoros was originally written，and was amended by the insertion，possibly by the first hand，of an $\epsilon$ over the line；a cursive a seems to have been subsequently added rather above the level of the $\epsilon$ by some one who took xpuréos tpoфós as separate words，－which is indeed possible，though less likely．$\rho$ of $\tau \rho \circ \phi[$ was converted
 has been retained，though whether this is a genuine form is open to doubt．

42．jpeixaגkos was mentioned by Stesichorus according to Schol．Apoll．Rhod．iv． 973
 sometimes confused by grammarians（cf．Schneidewin，Ibyc．Religur．p． 4 I sqq．），but it would be rash to assume that the present passage is the one which the scholiast had in mind．

44．Cf．Theognis 449 ü $\pi \epsilon \phi \theta_{\text {ov }} \chi \rho v \sigma$ ơv．
$4^{6-8}$ ．In this passage much depends on the punctuation．A logical sentence would result from the removal of the stop after aiev，with $\pi \in \dot{\delta} \dot{a}$ as the preposition（the accent in the papyrus need not imply equivalence to $\mu \dot{\epsilon} \tau \epsilon \sigma \tau \tau$ ，but may be accounted for by the anastrophe， in spite of the intervening $\mu \dot{\epsilon} \dot{v}\rangle$ ．On this view the ká入入os of Polycrates would be the quality which the poet desired to commemorate，and his identity with the tyrant would become questionable．On the whole，however，it seems preferable to follow the clear punctuation of the original，which gives a satisfactory sense and accords better with the attribution，on other grounds plausible，to Ibycus．rois $\mu \dot{\epsilon} \nu .$. a aiè＇s is then poetic language for＇they will always be remembered for their beauty＇．
 $\Pi о \nu \lambda ข \tau \iota \mu i \delta a \nu$.

49 sqq．This note relating apparently to Teucer and the horses of Laomedon pre－ sumably was intended to explain something in 11．35－40，but at present remains itself obscure，though restoration should not be difficult if the right clue were found．In 1． 49
 among his $\dot{v} \pi о \mu \nu \eta \mu a \tau a$ but is not otherwise known．The dash between two dots at the end of this line seems too large and too far from the rest of the note to be intended as an abbreviation of $\dot{\epsilon} \sigma \tau i$, and is therefore regarded as a symbol corresponding to another in the margin of the line to which the note was attached．What has been taken for a dash after $\phi \eta \sigma_{l}$ may possibly be the top of an $\epsilon$ ．

50．${ }^{\kappa}(a \tau a)$ तaß $(\epsilon i v)$ is very uncertain，especially as other abbreviations do not occur in this note，but is not unsuited to the remains，and an infinitive is apparently wanted．Perhaps


51．Teivepos in some form seems inevitable，but the termination is very doubtful．
$5^{2}$ ．Possibly ${ }^{2} \lambda \lambda a$ ，but a longer word would account better for the vestiges．
Fr．4．ii．6．à̀⿱亠乂口［［ is possible．
8．$\epsilon \gamma$［：or $\epsilon \pi[$ ．
Fr．5．This fragment and Fr． 7 differ rather from the rest in appearance，Fr． 5 being dirty and rubbed，and Fr． 7 very dark－coloured．That Fr． 5 contains the beginnings of
lines is not certain, since the margin is lost, but if a letter had preceded $\phi$ in 1.7 some portion of it should be visible. In l. 2, if $\epsilon$ was the second letter in the line, the first was a narrow one.

4-5. cit日 . . . atrє apparently correspond, whether ait or ait is written. ót $[$ can be read in 1. 4.

Fr. 7. 2. $\left.\kappa \tau v \mid \pi \ldots, \delta_{l}\right]_{k \tau v} \ldots$. . ?
Fr. 8. 3. The supposed grave accent is possibly the second half of a circumflex.
1791. Pindar, Paean.
$9.9 \times 4.1 \mathrm{~cm}$.
First century. Plate III.
This small but interesting fragment gives the context of two well-known lines cited from Pindar by Pausanias (Fr. 53 Schröder), the text of which is now finally established. The passage refers to the second and third temples at Delphi, and the Delphian story (Pausan. x. 5. 9) that the former of these temples was sent to the Hyperboreans is reflected in 11. $1-2$, while the latter is described at greater length in 11. 3-9. Built by Hephaestus, ' of bronze stood the walls and even so of bronze the pillars, and six golden Charmers sang above the gable'. Its destruction by a thunderbolt was related in the broken lines io-i 2 . A strophic division is marked at this point and the subject apparently changes, but the lower part of the papyrus is much damaged and only isolated words are recognizable. No responsion can be traced between 11. I-12 and 13-20, and one or other of these sections presumably belonged to the epode. The metrical scheme, so far as it can be followed, is fairly simple; in 11. I- 12 short lines seem to preponderate, and several glyconic verses are included. That Fr. 53 came from the Paeans is stated by Galen, who also quotes it.

The text, which is from the top of a column, is in small upright uncials of somewhat informal type to which approximations are found among the betterwritten Oxyrhynchite contracts of the late first and early second centuries; cf. e. g. 270 (Part II, Plate 8), which, however, is probably rather later than 1791. No stops, accents, or other signs occur except the paragraphus below line 12 . Decipherment is difficult in places owing to the loss of the upper fibres of the papyrus. A junction between two selides runs down the middle of the fragment.

```
\nu\alphao\nu Tov }\mu\in\nu \Upsilon\pi\epsilon\rho\betaopi\epsilonols
\lambda\nu . . . \sigma\epsilon, . . \mu\epsilon\nu\eta\sigma\epsilon\mu|\xi[
\omega \muol\sigma\alphal Tov \delta\epsilon \pia\nuT\epsilon\[vols
A\phi\alpha⿺\sigma\tauov \pi\alpha\lambda\alpha\mu\alphals к\alphal A0\alpha[\nu\alphas?
```

$\kappa \in \rho \alpha \nu \nu \omega \quad \chi$ Өova $\nu \circ\{$
$\epsilon \kappa \rho[\cdot] \psi \cdot \nu . \cdot[\cdot] \alpha \nu \tau \omega[$

$$
\begin{aligned}
& \text { ot } \frac{\xi}{\xi} \in \nu \text {. } \phi \text {. vvov[ }
\end{aligned}
$$

```
\({ }_{5}\) Tis o pu \(\theta \mu\) os єфаıvєтo
    \(X^{\alpha \lambda \kappa \epsilon O l ~} \mu \in \nu\) тоlXOl \(X^{\alpha \lambda} \kappa[\epsilon \alpha l \delta \epsilon\)
    оит \(\omega\) kloves \(\epsilon \sigma \tau \alpha \sigma[\alpha \nu\)
```


$\alpha \in i \delta o \nu$ K $\eta \lambda \eta \delta o \nu[\epsilon s$
10 $\alpha \lambda \lambda \alpha$ ソ $\varphi \nu$ १ १pov $\epsilon\rceil \eta$. [

$$
\begin{aligned}
& { }_{15} \alpha \tau \epsilon \rho \theta \epsilon \nu \quad \tau \epsilon \ldots \alpha \nu \\
& \text {. } \lambda_{0} . . . \tau \epsilon \mu \epsilon \nu \phi[ \\
& \mu \text { بоvava. } \kappa \eta \mu \nu \alpha \nu[
\end{aligned}
$$

$$
\begin{aligned}
& {[\alpha] \kappa \eta \rho \alpha \tau \omega \nu \delta \alpha i \delta \alpha[\lambda} \\
& 20 \text { [. . . . . .] }] \text { € } \times \text { [ }
\end{aligned}
$$


 $\lambda \omega \nu$ os. In l. I the papyrus strongly suggests $\tau o v$, but the $\nu$ is not impossible and seems essential for the construction. In 1. $2 \zeta a \mu \epsilon \nu \eta s \in \mu \epsilon \xi$ [ or $\epsilon \zeta a \mu \epsilon \nu \eta \sigma \epsilon \mu \epsilon \xi$ [ could be read, but the vestiges between $\epsilon$ and $\mu$ are extremely slight ; єv $\epsilon \epsilon \nu \eta s$, however, appears unsuitable. The first letter of the line is either $a, \delta$, or $\lambda$, and the third may well be $\rho$; the fifth looks at first sight like $\epsilon$, but this is not convincing, and a crossed out a might have a similar effect.
 in any case is presumably Apollo.
3. rov is clear, but rov depending on $\rho v \theta \mu$ os would be easier. Perhaps rov and rou here and in l. i were transposed by an oversight ; cf. $n$. on ll. $1-2$.


 two verses are also quoted by Galen on Hippocr. De artic. 18. 1, p. 519 Kühn. Scholars have successfully treated the corruptions found in Pausanias and Galen, and the fragment as printed by Schröder corresponds with the text here, except that he has mistakenly preferred Bergk's $\epsilon \xi v \pi \epsilon \rho \theta^{*}$ to Schneidewin's $\mathfrak{\varepsilon} \xi \dot{\text { int }} \rho$, which the papyrus now confirms. $\rho v \theta \mu o s$ in 1. $5=\sigma \chi \hat{\eta} \mu a$; the word does not occur elsewhere in Pindar.

 Pindar's version does not seem to agree closely with either of these, but the reading is uncertain in several places. In l. ro the letter before $\rho$ looks more like $\eta$ than anything else, though the space is rather narrow. is hardly possible. $\sigma$ could be read in place of $\epsilon$ before $\tau \eta$. In l. in we may divide $\chi \theta_{0 \nu}$ av o[ or $\chi \theta$ ova $\nu 0[$, and the last letter may be either o or $\omega$. In 1.12 the space is indecisive between $\operatorname{\epsilon \kappa \rho [t]\psi }$ and $\epsilon \kappa \rho[u] \psi$, and the termination can be $-a \nu$ or $-\epsilon \nu$. The following vestiges are ambiguous, but those of the second letter rather suggest $\pi$ or $\tau$, and with the former there need be no letter before the doubtful $a$, e. $g$. $\dot{a} \pi a \nu \tau \omega[s$ is possible; aфavic[ is clearly excluded.
13. The slight vestiges are consistent with $\Delta$ ıos, after which either a $\alpha$ a $[$ or $a \gamma \lambda[$ may be read. The latter seems the more likely here, whether written with a capital or not. For

 Moíaats á $\lambda \lambda a 0 \theta$ póvots.
14. $\xi \epsilon$ is very doubtful ; the first letter is possibly $\delta$. There may be two letters between $o$ and $\phi$, but if so the first of them is probably $\iota$, which might indeed be sufficient by itself. The remains after $\phi$ suggest $\epsilon$. $\epsilon \phi \nu \mu \nu o \nu$ is inadmissible.
15. $\tau \epsilon a \nu$ av[ or $\tau \epsilon \chi \nu a \nu[$ looks likely.
16. What has been taken for the upper part of a $\phi$ is possibly the base of a letter
following $\nu$ at the end of the preceding line, in which case o ( $\tau \epsilon \mu \epsilon \nu \rho[\nu s$ ?) would be probable in place of $\phi$.
17. This is another rather puzzling line. Either $\mu o \nu$ or . $\omega \nu$ is possible, and if any letter stood between $a$ and $\kappa$, it is likely to be $\iota$; there seems hardly room for $\sigma$ or $\gamma$, and $a \nu a \gamma \kappa \eta$ would of course be a false form. At the end of the line $\mu \nu a \nu$ appears inevitable, $\mu \nu a \mu$ being unsuitable.
 Tryphiod. $437 \lambda v \sigma \eta \nu \omega \rho$ is an epithet of oivos.
19. Cf. Pyth. v. 32 àкпрáтоıs ávíaıs.

ठaı $\delta$ [ $\lambda$ : or $\delta \mathrm{A} \delta \boldsymbol{\delta}$ ?
1792. Pindar, Pacan?.

Fr. I $16.9 \times 13.7 \mathrm{~cm}$.
Second century.
The following fragments, of which only one, itself built up from several smaller pieces, is at all substantial, are written in a good-sized, rather heavy, semicursive hand which may be referred to the first half of the second century. Stops in two positions are used, and (besides the diaeresis) breathings, accents, and marks of elision and quantity have been supplied here and there. Many of these have the appearance of being by the original hand, which was no doubt also responsible for the occasional diplae in the margin and the interlinear asterisk in Fr. 47 ; but some, e.g. the elision-sign in Fr. 1. 14, are in a lighter ink and may well proceed from the corrector who altered the termination of the verb in the same line and is evidently to be distinguished.

## Fr. I.



That the author is Pindar is not definitely ascertained，but style and vocabulary seem sufficiently characteristic to justify that ascription．$i \pi] \pi \sigma \sigma o{ }^{\circ}$ $\theta v[\gamma \dot{a} \pi n \rho$ in Fr． 51 is a remarkable coincidence with a Pindaric collocation，and other linguistic parallels are pointed out in the notes；the reference to the Boeotian $\Pi \tau \hat{\varphi} o v$ in Fr .47 is also not without significance．The class of poem represented is still less certain ；the passage in Fr ．I describing the birth of the twin offspring of Zeus and Leto would be appropriate in a Paean for the Delians， but other categories are by no means excluded．As for the metre，whether the verses in Fr．I belong to one or more systems is not clear；a paragraphus occurs in Fr．35，but no strophic division is marked in Fr．I among the few lines of which the beginnings are preserved．

The scheme of Il．2－20 is as follows：－


Fr． 1.

```
[. . . . . . ] ]\epsilon[
[....]o\iota\sigma\iota\nu '̇\nu \nu\epsilon[
```

[. .] ${ }^{\lambda \lambda \alpha} \delta^{\prime}$ 'A $\rho \tau \epsilon ́ \mu \iota \delta$ [. . . . .]ova $\sigma[$
$[\lambda \epsilon \in]$ os $\dot{\alpha} \mu \phi \epsilon \pi o ́[\lambda \epsilon \iota$. .]c. тola[úv


$\left[\mu \eta{ }^{\prime}\right] \lambda \omega \nu \quad$ X $\alpha \rho i \tau \epsilon \sigma \sigma t \quad \mu i \gamma \delta \alpha \nu$






кolovӨvชат $\eta \rho \lambda v \epsilon \tau о \tau \epsilon \rho \pi \nu \hat{\alpha} \sigma$

$\alpha \gamma \lambda \alpha o \nu \epsilon \sigma \phi \alpha 0 \sigma \ddot{\circ} \nu \nu \tau \epsilon \sigma \delta \iota \nu \mu \circ \iota$
$\pi \alpha \iota \delta \epsilon \sigma \pi о \lambda \nu \nu \rho \circ \theta[\cdot]$. $!\epsilon \sigma \alpha \nu \alpha \pi о \sigma \tau о \mu[$
$[:] \lambda \epsilon \iota \theta \nu \iota \alpha \tau \epsilon \kappa \alpha \iota \lambda \alpha[\cdot] \epsilon \sigma \iota \sigma \cdot \tau \in \lambda \in[\cdot] \alpha \iota \delta 0 \lambda[$
[. .] $] \in \lambda \alpha \mu \beta \alpha \nu o \nu$. [. . .]
[. .] $] \phi \theta \epsilon \gamma \xi \alpha \nu \tau 0 \delta \in \gamma \chi \underset{\omega}{\omega} \rho \iota \alpha ̆ \iota$

Fr. 2.
]pa! [
] $\alpha \nu \in \nu$. $\epsilon[$ [
] $\omega$ No $\sigma \alpha[$
] [

Fr. 3.
] ]
] • [.] • [
] $\delta \rho \alpha[$
]

Fr. 4.
$] \pi 0 \lambda \lambda \alpha \kappa \iota \sigma[$

$$
1
$$

]
$] T L \nu$

Fr. 5 .
$>$. $\operatorname{P}[\mathrm{C}$
$\pi \omega[$
$\Rightarrow \epsilon \mathbb{K}[$

Fr. 9.
${ }^{7} \mu \in \nu$

Fr. 6.
Fr. 7.
Fr. 8.

$$
\ldots[
$$

$\gamma \lambda[$
$\mu \eta \phi[$
$\eta \lambda v \theta \stackrel{\rho}{[ }$
$o \sigma \in \tau[$



${ }_{15}$ áy入aòv és фáos iôvтes sídupo九
$\pi \alpha i ̂ \delta \epsilon \varsigma, \pi o \lambda \grave{v} \nu$ poó $\theta[0] \nu$ í $\epsilon \sigma \alpha \nu$ aं $\pi \grave{o}$ $\sigma \tau o \mu[\alpha ́ \tau \omega \nu$

[ка]тєла́ $\mu \beta \alpha \nu о \nu$. [...]

$20[\dot{\alpha} \gamma] \lambda \alpha o ̀ s ~ a ̀ s ~ a ́ \nu ’ ~ є ́ \rho к \epsilon[.] \ldots[$
[. . . . . . .] $] \tau \quad$ रà $\rho$ áк . . $\iota \nu . \alpha \tau \alpha[$
[. . . . . . . . . . . . .] . . $\rho \cdot \operatorname{rova\tau [~}$
[. . . . . . . . . . . .] $]$ pas (v. l. - $\epsilon s$ ) op . [
[. . . . . . . . . . . . .]. . . [

| Fr. 2. | Fr. 3. | .Fr. 4. |
| :---: | :---: | :---: |
| - . . | - . | - . . |
| ] $\rho x$ [ | ] | ] |
| ] $\alpha \nu \in \tau$. $\epsilon \in[$ | ] [ [.] . [ | ] $\pi 0 \lambda \lambda \alpha$ ќкıs [ |
| ] $\omega \lambda$ o $\sigma \alpha$ [ | ] $\delta \rho \alpha$ [ | ] |
| ] [ | ] | 1 |
| . . . | - . - | ] $\tau \iota$ |
|  |  | ]. |

Fr. 5 .
Fr. 6.
Fr. 7.
Fr. 8.

- $\beta[$
$\pi \omega[$
${ }_{\epsilon} \kappa[$
$\dot{v} \cdot[$
$\theta a[$
$\pi o[$

Fr. 9.
Fr. 10.
Fr. 11.
Fr. 12.
Fr. ${ }_{3}$.



| 1 | $] \sigma \in \beta_{c}[$ | ] $\tau \in S$ |
| :---: | :---: | :---: |
| ] | Jov[ | [ ] |
| ] | $] \omega$ | ]s $\phi \rho \alpha \sigma[$ |
| ] | ] | ] $\mu \in \boldsymbol{\nu} \circ \underline{[ }$ |
| ] | - . | - . . |


| 1 |  | 1 |
| :--- | :--- | :--- |
| 1 |  | 1 |
|  | 1 | 1 |
|  | 1 | 1 |

Fr. 14.
Fr. 15.
Fr. 16.
Fr. 17.
Fr. 18.

| ] | ] | ] | ] |
| :---: | :---: | :---: | :---: |
| ] | ] $\lambda \alpha \nu[$ | $]^{\prime} A \sigma \omega \pi 0^{[ }$ | ] |
| ] $\mu \alpha \iota \sigma[$ | ] | ] $\ddagger$ 廿atot [ | ] $\omega \nu \iota \omega[$ |
| ] $\tau \alpha \phi \omega_{[ }$ | ] | ]. [ | ]oals |

Fr. 19.
Fr. 20.
Fr. 21.
Fr. 22.
Fr. 23.

| ] | ] |
| :---: | :---: |
| ] x ¢ $[$ | ]к<ı |
| ]. . [ | ]s oixp[ |
| . . | ] $\epsilon \mu[$ |

Fr. ${ }^{2}+$
Fr. ${ }^{25}$.
Fr. 26.
Fr. 27.
Fr. 28.

| ] | ] | ]cal of | ] $0 \nu \in[$ | ] |
| :---: | :---: | :---: | :---: | :---: |
| ] $\chi_{\epsilon \iota \alpha \nu}{ }^{\prime} O \lambda v[\mu \pi$ | ] | $\chi] \rho \nu \sigma o[$ | ] $\mathrm{\nu}$ or | ] |
| ] $\nu$ ápıбтот. [ |  | ] $\sigma \tau \omega$. [ | ] $\mu \alpha \sigma \sigma \iota$ [ | ] |
| ]aто $\delta \alpha \mu[$ | ] | ]acs• $\alpha$ [ | ]. [ | ]Tod[ |
| - . . . . | - . | ] |  |  |


| Fr. 29. | Fr. 30. | Fr. 31. | Fr. 32. |
| :---: | :---: | :---: | :---: |
|  | . . | - . . | . . |
| ] $\delta \omega \nu$. | ] | ]. [. . . $] \pi$ [ | ] 20 |
| ] | ] $\tau \in \rho[$ [ | ] $\alpha v \in \pi i[$ | ]<a< $\sim_{\text {[ }}$ |





5 ] $\nu \alpha \rho[$
$] \omega \pi[$
]aтo.
5 ]opov[
] $\alpha \nu 0[$ ] $\eta \alpha \cdot[$ ] $\tau \in \cup \delta[$ ] $\nu \mu[$


Fr. 46.



Fr. 54.
] $\alpha \tau \in \phi[$ [
$] o \nu \alpha \mu[$

Fr. 59.
$\stackrel{+}{] \nu \in \nu \theta a[ } \cdot$

Fr. 55.
$\underset{\substack{] \sigma \iota \mu[] \bar{\alpha} \nu \alpha[ }}{ }$

Fr. 60.

Fr. 47.
] $\rho \iota \alpha \iota \nu \alpha[$ ] $\epsilon \nu \pi \tau \omega \omega \omega[$
] $\in \nu \sigma \circ \phi[$
$] \pi \epsilon \rho \tau \alpha \tau[\quad] \epsilon \mu_{\square}^{[ }$
] $\sigma \epsilon \kappa[$
]. [
$]$ ] $\alpha, \gamma \cdot[$
! $\mu \circ \sigma[$
]. [

Fr. 48.
Fr. 49.
] $<\nu \alpha \iota \sigma[$
] $\alpha \rho \nu \nu \tau[$
] $\mu 0 \nu \pi[$
] . . $[$

Fr. $5^{2}$.
Fr. 53 .

Fr. 56.
Fr. 57.
Fr. 58.
$] \mu \alpha \lambda \alpha[$
$] \alpha \nu \alpha[$
] $3[$
] $\sigma \alpha[$
Fr. 64.
Fr. $6 j^{\circ}$.
Fr. 66.
Fr. 67.
lo $\in$ E
$\stackrel{\text { Fr. } 64 .}{\substack{-6 \in \theta[ }} \cdot$
$\delta \rho[$
$] \sigma \epsilon \nu[$
] $\pi \rho \rho[$

Fr. 61 .
Fr. 62.
Fr. 63.
] $\phi 01$. V [ $\mathrm{OL}[$
]. ${ }^{[ }$
] $\lambda \alpha[$

$] \delta \alpha \gamma$. [
] $\mu$ oo [
]. . [

Fr. 46.
]. [ $] \omega \rho \theta^{\prime} \dot{\text { vंтокр }}[$ ] $\omega \sigma \sigma \mu \in \nu \quad \gamma[$
 $] \mu \in X \rho[\cdot.] \cdot \epsilon[$

Fr. 50.
]. $\epsilon \rho[$ [
] $v \mu \circ \nu$ [
? $\pi \alpha] \sigma \sigma \alpha \lambda o[$
$\phi \theta 0] \gamma \gamma o \nu$ [

Fr. 54 .

| $] \alpha \tau \epsilon \phi[$ | $] \sigma \mu[$ |
| :---: | :---: |
| $] o \nu \alpha \mu[$ | $] \alpha \nu \alpha[$ |

Fr. 60.

| $] \nu \alpha c[$ |  |
| :---: | :---: |
| $10[$ | $] \phi o c[$ |

$\dot{v}] \pi \epsilon \rho \tau \alpha \tau[$
] $\epsilon \mu[$
$] \sigma \epsilon \kappa[$
]. [

Fr. 48.
Fr. 49.
] $\downarrow \alpha \alpha \sigma[\quad] . \epsilon \epsilon \tau \alpha \nu[$
] $\alpha \rho \iota \nu \tau[\quad] \nu$ Aúníó $] \mu \nu \nu \pi[\quad] \nu \in \nu a[$

 ] ${ }^{\epsilon} \nu \Pi \tau \varphi \dot{\varphi} \omega$
 ] $\in \nu \sigma \circ \phi[$

Fr. 53.
Fr. 52.
] $\sigma \cdot[$
]. $\alpha \rho \alpha \nu \tau[$
$\mathrm{o}[$
]. [ ] $\mu \hat{\alpha} \nu$ [
] $v \mu$. [

Fr. 59.

| $\nu \in \nu \theta a[$ | $] \nu \alpha L[$ |
| :--- | :---: |
| $] \nu \pi \in \phi[$ | $] 0[$ |

]roo[
] $\delta$ [
Fr. $5^{6 .}$
Fr. 57.
Fr. 5 .

$$
] a \nu \alpha[
$$

] $\mu[$

Fr. 62.
Fr. 63.

$$
\begin{aligned}
& ] \nu[ \\
& ] \sigma \alpha[
\end{aligned}
$$

] $\lambda \alpha[$
10

Fr. 65.
$] \delta \rho[$

Fr. 64.
Fr. 66.
Fr. 67.

$$
l o \in \theta[
$$




3. Perhaps $[\dot{a} \pi] a \lambda a ́$, but a single broad letter, e. g. $\kappa$, $\mu$, might fill the initial lacuna.

4-5. If the subject is singular, $\dot{\alpha} \mu \phi \epsilon \pi \sigma^{\prime}\left[\lambda \epsilon t \ldots \delta \rho \epsilon \epsilon^{\prime}[\omega \nu]\right.$ or $-\pi[$ ova' $]$ seems likely; cf. Nem.

 preceding $\delta \rho \epsilon ́ \pi\left[\right.$ is an adjective ( $\Gamma \nu \mu \nu \eta \sigma \iota o s, \pi \rho v \mu \nu \eta^{\prime} \sigma \iota o s$ ) or a substantive ( $\tilde{\mu} \mu \nu \eta \sigma \iota s, \gamma \dot{\mu} \mu \nu \eta \sigma \iota s(?)$ ), $\mu \nu \hat{\eta} \sigma t s)$ is not clear. The remains of the first letter are slight, and $\epsilon$ or $\sigma$ is also possible.

5-17. ' . . and also brought from Naxos sacrifices of fat sheep for all the Graces to the Cynthian cliff where they say the cloud-wrapped wielder of the glancing thunder-bolts, Zeus, sitting on the peaks watched for the time when the gentle daughter of Coeus was delivered of her sweet travail ; and when her twin children came forth to the light of day shining like the sun, Eileithyia and Lachesis sent from their throats a great clamour.'
5. What nas been taken for the tail of a $\phi$ might be an acute accent on the $t$ of $\theta v \sigma t$, which, however, is less likely on account of the infrequency of accents in the papyrus.
 firmation is here provided of the form àv $\mathfrak{\xi} \imath\{\rho$ évtas in Bacchyl. xvi (xvii). 66 ; cf. the $n$. ad loc. on 1091.

13. Koion $\theta v y a ́ t \eta \rho$ at the beginning of a line occurs also in 841. 19. 22 (meaning

 awkward inversion and the corruption $\epsilon \lambda a \mu \psi \epsilon$ is hardly surprising, though it leaves $\delta i \delta v \mu o \iota$ $\pi a i ̂ \delta \epsilon s$ without a verb.
15. Cf. e. g. Ol. vi. 43-4 $\dot{\eta} \lambda \theta_{\epsilon \nu} \delta^{\prime} \dot{\text { indò }} \sigma \pi \lambda a ́ \gamma \chi^{\nu \omega \nu}$. . . '̇s фáos, Nem. i. 35-6 $\sigma \pi \lambda a ́ \gamma \chi \nu \omega \nu$

16. 'Raised cries of joy' is evidently the sense, and if pot is right $\pi o \lambda i v{ }^{\circ} \rho \dot{o} \theta_{o v}$ iौGav becomes inevitable, though it is difficult to reconcile the traces after $\rho \circ \theta[0]$ with a $\nu$. There are also, rather to the right of these, some vestiges abore the line which are not very
 Opóov, which might be thought a more natural word here, cannot be read.

17-18. Either $\tau \in \bar{\lambda} \epsilon[1] a t$ or $\tau \in \lambda \epsilon a t$ is possible, presumably referring to the two deities (cf.
 l. i8, where the slight remains would be consistent with e.g. an a followed by a letter with a vertical first stroke.
19. Perhaps $[\dot{d} \nu] \epsilon \phi \theta$.

21. Possibly aкrat, but the $t$ is joined by a ligature which is too low for the normal at of this hand, and suggests rather $\delta, \kappa$, or $\chi$. The preceding letter might well be $\nu$ or $v$, besides $\tau$.
22. yov or $\tau o \nu$ is certain, and if the $\rho$ is right either $\rho a \gamma$ or $\rho \iota$ is likely. ] a $\mu \boldsymbol{\phi} \iota$ is unsuitable. Ink is visible above the remains of the first letter, but whether it represents a diacritical mark or a correction is quite uncertain.
23. op was followed by some round letter.

Frs. 2-4. That these three small pieces are from the bottom of Fr. I is strongly suggested by their similar appearance, and this position is practically assured for Fr. 4 by the junction of two selides in the syllable kıs of modдakıs corresponding with a similar junction through the $\pi$ of omo[ in Fr. 1. J4; but Fr. 4 does not seem to join on immediately.

Fr. 5. 1. The diple is probable but not certain.
Fr. 6. 1. $v \mu[, v \lambda[$ would be suitable.
Fr. 10. 2-3. Line 3 apparently ended at $\omega$, and $o \nu$ may be the end of 1.2 .
 doubtful $\tau$ can be $\pi$, but of course this may be quite fortuitous and e.g. étp] ${ }^{\prime} \psi$ (aro is an obvious alternative.

Fr. 24. 2. ápıatomo[ $\ldots$. (cf. Ol. vii. 5r) would be suitable.
Fr. 30. This fragment and Frs. 34-5 are alike in being of a rather dark colour. Frs. $3^{1-2}$ and 36 have a more worn appearance. Cf. Frs. 67-8. In Frs. $3^{1}$ and 34 there are junctions of selides, but the pieces cannot be directly combined.

Fr. 31. 4. Perhaps ] lov $\Delta$ to[s; but the letters can be variously interpreted.
Fr. 32. 8. The fourth letter may also be $\phi$ or $\omega$.
Fr. 35. 3. A strophic division is denoted by the paragraphus below this line.
Fr. 36. 3. The overwritten $\iota$ may be due to the first hand.
Fr. 38. This fragment is a good deal rubbed, as are also Frs. 39, 4 1, 43. 8. $\epsilon \cdot \epsilon \mu \mu \epsilon \lambda \epsilon[, \pi \lambda \eta] \mu \mu \epsilon \lambda \epsilon[$ ?

Fr. 41. 1. e. g. àdá]vator, ] ja тot.
Fr. 46. A junction between two selides occurs in this fragment and also in Fr. 47, which is otherwise similar in appearance.
2. $\theta$ may be the particle and $\dot{v} \pi o \kappa \rho[$ may of course be divided $\dot{i} \pi \dot{o} \mathrm{k} \rho[$.
 Dionysus here, and a temple of Apollo close by (Pausan. ix. 23. 6). The large asterisk below this line apparently takes the place of or supplements a marginal coronis in marking the commencement of a new poem.

Fr. 50. 1. $a i] \theta \epsilon \rho[$ or $] a \epsilon \rho[$ could be read.
3. $\pi a$ ] $\sigma \sigma a \lambda o[$ is rather suggested by $\phi \theta 0] \gamma \gamma o v$ in the following line ; cf. Ol. i. 17 a $\pi \pi \dot{o}$


51. 3. The coincidence with Ol. iii. 26 ^atoùs immoaóa $\theta v \gamma$. was observed by Lobel..

Fr. 52. 2. The first letter is probably $\delta, \lambda$, or $\mu$.
Fr. 55. 2. The supposed mark of quantity is very doubtful, and may equally well be a breathing or a vestige of an interlinear letter. The second $a$ may be $\delta$.

Fr. 67. Either there is a junction of selides in this fragment, which in appearance resembles Frs. $3^{2}$ and 36, or the papyrus has been strengthened by a strip gummed on the back. Fr. 68 is rather similar, though less worn.
3. It is not clear that any trace of writing is to be recognized in this line.

## 1793. Callimachus, Sosibi Victoria.

Height 10 cm .
Late first century.
Callimachus after a long period of neglect has latterly been much in evidence in the papyri (cf. 1362 int.), ${ }^{1}$ and a further considerable addition is made by the present papyrus, which introduces us to a poem of which but three words were known (see vi. 7, n.), though one or two lines, cited without specification of their source and now shown to belong to it, were in fact already extant. This, as first perceived by Mr. Lobel, who has contributed much to the elucidation of the text, is the elegiac poem in honour of the victory of Sosibius alluded to in Athen. iv,


 Scheer) $\Sigma \omega \sigma \iota \beta$ iov viк $\eta$. The identification seems sufficiently established by the occurrence of the name Sosibius in $V . I$, and the general tenor of the piece, which is full of references to games, prizes, victories, and dedications ; see vi. $1-3$, vii. 2,7 , viii. $\mathrm{I}-5$, ix. $4-7$, X. I. Who Sosibius was is not agreed. He has commonly been thought to be the same as the Lacedaemonian grammarian designated $\lambda u \tau \iota \kappa$ ós or $\grave{\epsilon} \pi \iota \lambda u ́ \tau \iota \kappa o s$ (Athen. xi. 493 c , Suid. s. $v_{0}$ ), who was attached to the Alexandrian Museum under Philadelphus and wrote treatises on Spartan rites, on chronology, the poet Alcman, \&c. (so e.g. Hecker, Com. Call. p. 66).

[^2]Schneider (ii, p. 220) questions this view partly on the ground of the a priori improbability that such a man would figure as an athletic victor, partly because the reference in Athen. iv. 144 to the Sosibius 'to whom Callimachus wrote an epinician elegiac poem' seemed to difterentiate that Sosibius from his homonym whom Athenaeus clsewhere (iii. $78 \mathrm{c}, \mathrm{xi} .493 \mathrm{e}$ ) speaks of as ó $\lambda \nu \tau \iota \kappa$ ós or ó $\Lambda a ́ \kappa \omega \nu$. For these reasons, which are plausible enough (though with regard to the second it may be noted in xv. 690 e Athenaeus mentions probably the same grammarian with no descriptive epithet), Schneider preferred to regard Sosibius as some wealthy Alexandrian, perhaps an ancestor of the well-known minister of Philopator. He appears to have overlooked a very suitable person, Sosibius of Tarentum, who is mentioned by Josephus, Ant. xii. 2. 2, as one of the captains of the bodyguard of Philadelphus and a courtier of some influence. Whether any relationship subsisted between that Sosibius and the $\psi \in v \delta \epsilon \pi i \tau \rho o \pi o s$ of Philopator is quite problematical; it has been suggested that they were father and son, but the father of the $\psi \in v \delta \in \pi i \tau \rho o \pi o s ~ w a s ~ m o r e ~ p r o b a b l y ~ D i o s c u r i d e s ~(F o u c a r t, ~$ B. C. H. iv, pp. 97-8). In any case, if, as would naturally be supposed, Col. x. 1-5 of the papyrus refer to the man in whose honour the poem was composed, the Laconian is practically put out of court. The wealthy and powerful personage there described can scarcely be the grammarian who accepted the royal alimony (Athen. xi. 493 c ) ; Josephus' captain of the bodyguard has better claims to consideration, though the attribution to him of the treatise $\pi \rho \rho \dot{s}$ Káavoòpov would hardly be expected. Sosibius' success seems to have consisted in a double victory at the Isthmian and the Nemean games; cf. vii. I-4 and nn., and the reference to Corinth in vi. 4-6. Hecker's conjecture that Callim. Fr. 193 Z $\eta \nu i$ i $\tau \epsilon \kappa a i$ N $\epsilon \mu \mu_{!}^{\prime} \tau \iota$
 new evidence, but remains very uncertain.

As now reconstituted the papyrus consists of the tops of ten columns, of which the last eight, and perhaps all ten, were consecutive, the tenth being also the last of the roll. A few small fragments, also from the tops of columns, are unplaced; they presumably belonged to the much broken first two, or to an intermediate column, if there was one, between Cols. ii and iii. The roll has evidently been subjected to severe pressure, causing the layers sometimes to adhere tightly and the ink to leave more or less legible impressions on the back of adjacent portions; by this means the order of some fragments, which could otherwise not have been certainly placed, has been fixed, and some missing letters have been supplied. With regard to the original compass of the roll, and the length of the poem on Sosibius, these are problems which depend on the view taken as to the number of poems represented in the present remnants. Col. iii happens to include (1.2) the half line $\pi \rho \stackrel{\nu}{\nu}$ à $\sigma \tau \epsilon \in \rho \iota \tau \varphi ̣ ̂ ~ B \epsilon \rho \epsilon \nu i ́ \kappa \eta s$
cited from Callimachus by Achilles Statius and assigned by Schneider and others to the poem on the Lock of Berenice which was translated by Catullus. That attribution, however, is by no means certain; it was rejected by Valckenaer, who first drew attention to the fragment, on the ground that the version of Catullus shows no corresponding phrase. Schneider evaded the objection by
 by Catullus to mihi <br>(1.83; cf. n. on iii. 2, where the passage is quoted). Unfortunately Col. iii is badly mutilated, and what remains of the context of 1. 2 is indecisive ; it is, however, noteworthy that the preceding verse ends with a feminine plural participle -á $\mu \in v a$, , which might well correspond to mudantes in Catullus (1.8r), and that if $\kappa \lambda \lambda_{\epsilon} .$. . in 1. 3 is $\kappa \lambda i v \eta$, that too, though not translated literally, could be interpreted in a sense conforming to the Latin. A mention of the $\dot{\alpha} \sigma \tau \grave{\eta} \rho$ B $\epsilon \rho \in \nu i \kappa \eta \xi s$ in an epinician poem to Sosibius is, at the least, unexpected; moreover, there is a second reference to Berenice in v. 6, and another to her father, Magas, king of Cyrene, in v. 2. Perhaps, then, Col. iii contained the conclusion of the Bєpєvíкךs $\pi$ ло́кадоя, and the poem on Sosibius did not begin till after v. 6, being separated from the $\pi$ रóкадоs by a shorter elegiac piece. On the other hand, it may be argued that the praises of Sosibius may easily have been coupled with those of more important personages, and that if the poem addressed to him included a passage referring to the king (viii. 5 sqq .) it may equally have included others relating to the

Col. i.
] . . . $\xi \hat{v} \nu$
x........[
]. [.] $]$

Col. ii.

$$
\begin{aligned}
& \text { ]тค̣ • . . . [. . . .] . . [. }
\end{aligned}
$$

Col. iii.



] . . . [.] $\underset{\sim}{\alpha} \cdot \underset{\sim}{\alpha} \ldots[\ldots] \cdot \epsilon \theta \dot{\eta} \sigma \epsilon \omega \nu[$
queen and her father. Such irrelevances are natural in a court poet. On that hypothesis the roll may have been confined to this particular poem, which would have extended to some two hundred lines or more.

The text is written in medium-sized upright uncials, somewhat ornate and laborious, but not regular or well-formed. The scribe was evidently a bad copyist (see below) and possibly also had difficulties with his archetype; that this was considerably older is rather suggested by an apparent tendency to archaism, for example, the linking of H to $\Delta$ in viii. 2 and the varying formation of $\equiv$ which in ix. I is written as two strokes with a dot between them. On the whole the hand gives an impression of artificiality, and is likely to be of a later date than the forms of some letters might suggest; it may, however, fall within the first century. Stops are rarely used (iii. 3, vi. 1), but accents breathings, \&c., are fairly frequent in the earlier columns; rarer signs are a comma to divide words (vi. 4), and a ligature to connect the parts of a compound (ibid.). These additions, which cease after Col. vi, may come from the original scribe, who seems to be also responsible for corrections, including the insertion in cursive of an omitted line in Col.v. He has, however, left the text in a very imperfect state; its inaccuracy is demonstrated by the corruptions in lines previously extant (cf. viii. I, ix. 7). This textual inferiority combined with the disjointed character of the fragments adds materially to the difficulty of interpretation.

Col. i.

$$
\begin{gathered}
] \ldots \xi v \nu \\
\lambda \ldots \tau \ldots[ \\
] \cdot[\cdot] \tau
\end{gathered}
$$

Col. ii.

$$
\begin{aligned}
& \text { ]т } \quad \text {. . . . [. . . .]. . [ }
\end{aligned}
$$

Col. iii.


```
]... \(\mu \iota s \kappa \lambda \epsilon i ́ \ldots \pi \rho \grave{\nu} \dot{\alpha} \sigma \tau \in \in[\rho \iota \tau] \widehat{\imath} B \in \rho \epsilon \nu i ́ \kappa \eta s\)
] . . . i i \(\delta \alpha \beta o v[.] \cdot \mu^{\prime} . \pi[\). .] . . [. . .] \(v \cdot\)
    ] . . . [.] \(] \alpha\). \(\alpha\). . [. . . .] . \(\epsilon Ө \dot{\eta} \sigma \epsilon \iota \nu\)
```

Col. iv.


```
    ] . т\eta\iotaк\alphaо\mu\eta\nu\epsilonv . . . \sigma . . . \epsilon!p!\tau!\\alpha!
    ].\nu\eta\beta\alpha\sigma\iota\lambda\eta\alpha\sigma\epsilon . . \pi\rho. . [.] . \delta\alphaк\rho\rho\omega[. . . . . . . . . .)
    ] . . \pi\alpha\nu\tau\omega\nu\pi\alpha,.]\tauа\tau\epsilon\lambda\epsilonוота\tau[[
        ]ov\mu\epsilon\tau[. .] . vọ. . . [ ]x!!\sigma\tau0\nu
                            Col. v.
```



```
        I [. .] \mu\mu\alpha\mu\epsilon\nu\alpha!\delta[.] . av\tau\alpha\pi . . . [. . . .]!\alpha
```



```
        \phi\omegaка\epsilon\omega\nu\muє\chi\rho\iota\sigmaкє\mu\epsilon\varphi\eta[. . . . . .]\nu\alpha\lambda\iota\mu\nu\delta\rhoо\sigma
    5 [...]\rho\iota\tau\epsilonк\eta\pi\alpha\lambda\lambda\lambda[. . . . . . .]\alpha\rho[. .]\epsilon\mu\iota\delta\iota
    [. . . .]\sigma\alpha\epsilon\iota\piа\nuар\iota\sigma\tau[. . . . . . . . . . .]\beta\epsilonр\epsilon\nu\iotaк\eta!
```

        Fr. 1, to l. 6 ?
            ] \(\boldsymbol{\varphi} \in!\varphi a-\)
    Col. vi.





[. .] $] \cdot[$.$] . . [.]yov[. .] \epsilon \sigma \pi \epsilon \lambda о \pi \eta[\cdot.] \nu \iota \epsilon \rho 0 \nu \iota \sigma \mu \mu \nu$

[. . . . . . . . . . . . . . ]éc: [.]orit

Col. iv.

]. т $\eta \kappa \alpha о \mu \eta \nu \epsilon \dot{\nu} . . . \sigma \ldots \epsilon \in \rho \iota \tau \iota \alpha \iota$

] . . $\pi \alpha ́ v \tau \omega \nu ~ \pi \alpha ́[\nu] \tau \alpha ~ \tau \in \lambda \epsilon$ óo $\tau \alpha \tau \epsilon$.
]ov $\mu \in \tau[.$. ]. vov . . [ ]Xı大тov

Col. v, with Fr. ı.







Col. vi.




5 [ $\sigma] \tau \epsilon i \nu \in o s, \dot{\alpha} \rho \chi \alpha i ́ o \iota s$ ö $\rho \kappa\left[\iota \epsilon \sum\right] c[\sigma] \nu \phi i \delta \alpha u s$,

[ $\tau \hat{\eta} \mu \epsilon ̀ \nu K \rho \omega \mu \nu i ́] \tau \eta \nu \tau \hat{\eta}[\delta \grave{\varepsilon} \ldots]$. . . [
[. . . . . . . . . . . . . . .]єє[.]òs $\{[$

Col, vii.
офракє $\epsilon \omega \sigma \iota \beta \iota \nu \tau \tau \iota \alpha \lambda \epsilon \xi \alpha \nu \delta_{\rho} \rho v \tau \epsilon \pi \nu \theta_{\eta \tau} \alpha \iota$ $\tau \eta \nu \epsilon \pi \iota \kappa \alpha \iota \nu \alpha \iota \omega \nu \kappa!\nu \nu \phi \iota \delta \iota \sigma \tau \epsilon \phi \in \alpha$ $\alpha \mu \phi о \tau \epsilon \rho \omega \pi \alpha \rho \alpha \pi \alpha \iota \delta \epsilon \kappa \alpha \sigma \iota \gamma \nu \eta \tau \omega \iota \tau \in \lambda \in \alpha \rho X{ }^{0}$ $\kappa \alpha \iota \tau о \mu \nu \rho \iota \nu \alpha \iota о \nu \tau \omega \iota \gamma \alpha \lambda \alpha \theta \eta \sigma \circ \mu \in \nu \omega$
5 Ө ${ }^{2} \lambda \nu \tau \alpha \tau о \nu \kappa \alpha \iota \nu \epsilon \iota \lambda \omega \tau \omega \nu \in \nu \iota \alpha \nu \sigma \iota \circ \nu \nu \delta \omega \rho$

 [. . . . . . . .] ${ }^{2} \omega \nu \tau[\quad 18$ letters ]

Col. viii.
$\kappa \alpha \lambda \pi \iota \delta \epsilon \sigma o v \kappa \circ \sigma \mu \circ v \sigma \nu \mu \beta \circ \lambda o \nu \alpha \lambda \lambda \alpha \pi \alpha \tau \eta \sigma$ $\alpha \nu \delta \rho \alpha \sigma о \tau о \nu \delta \epsilon \iota \sigma \alpha \nu \tau \epsilon \sigma \epsilon \delta \omega \kappa \alpha \mu \epsilon \nu \eta \delta \nu \beta \circ \eta \sigma \alpha \iota$ $\nu \eta о \nu \epsilon \pi \iota \gamma \lambda \alpha \nu \kappa \eta \sigma \kappa \omega \mu$ о $\alpha$ 人оขтıХор $\omega \iota$

$5 \lambda a \gamma \epsilon \ell \delta \eta \pi \alpha \rho \alpha \sigma о \iota \pi \rho \omega \tau о \nu \alpha \epsilon \theta \lambda о \phi о \rho \epsilon \iota \nu$ $\epsilon!\lambda \lambda \mu \epsilon \theta \alpha \pi \tau 0 \lambda \in \mu[\cdot.] \epsilon \tau \in \eta \iota \pi[$ [. .] $\rho \eta \nu \iota \kappa \in \lambda \epsilon \gamma \mathrm{X}[\cdot]$.
[. . . ] $\boldsymbol{\tau \tau \tau \sigma \epsilon \lambda \alpha \iota \eta [ . ~ . ~ . ~ . ~ . ~ . ~ . ~ . ~ . ~ . ~ . ] o v к о \nu ı \eta \iota ~}$ [. . . . . .] $] \beta \alpha \sigma \iota \lambda[. . . . . . . . . . . . . . . . ~.] \alpha \chi \theta \in \epsilon[$

Col. ix.
 $\pi \alpha \omega \delta \alpha \sigma \epsilon \nu \eta \rho \alpha \iota \omega \iota \sigma \tau \eta \sigma о \mu \epsilon \nu \epsilon \nu \rho \nu \nu 0 \mu \eta \sigma$ $\omega \sigma \phi \alpha \mu \epsilon \nu \omega \iota \delta \omega \sigma \epsilon \iota \tau \iota \sigma \alpha \nu \eta \rho \circ \mu \circ \phi \rho, \frac{\nu}{\sigma} \sigma \alpha 0 \iota \delta \eta \nu$ $\tau о \cup \tau о \mu \epsilon \nu \epsilon \xi \propto \lambda \lambda \omega \nu \epsilon \kappa \lambda \nu 0 \nu \iota \epsilon \rho 0 \nu \epsilon \gamma \omega$
$5 \kappa \epsilon \iota \nu \sigma \gamma \epsilon \mu \eta \nu \iota \delta о \nu \alpha \nu \tau о \sigma о \pi \alpha \rho \pi о \delta \iota \kappa \alpha \tau \theta \epsilon \tau 0 \nu \epsilon \iota \lambda$ $\nu \epsilon \iota \tau \alpha \iota \tau \omega!\kappa \alpha \sigma \iota 0 \cup \epsilon \iota \sigma \in \pi!\kappa \omega \mu \circ \sigma \alpha \lambda \alpha$ $\kappa \nu \pi \rho \circ \theta \epsilon \nu \epsilon \iota \delta \nu \delta \iota \rho[.$. . $\epsilon \kappa \alpha \tau \eta \gamma \alpha \gamma \epsilon \nu \epsilon \nu \theta a \delta \epsilon \gamma \alpha[..] \sigma \sigma$
 [ 23 letters $] \phi \nu[$

Col. vii.
 $\langle\gamma\rangle \bar{\eta} \nu$ є́ $\pi \grave{\imath}$ каì vaí $\omega \nu$ Kívuфı $\delta \iota \sigma \tau \epsilon \phi \epsilon ́ \alpha$




 [...........] $\phi^{i} \omega \nu \tau[$ I8 letters ]


Col. viii.




 $\epsilon i \lambda \alpha \dot{\alpha} \mu \epsilon \theta \alpha$, Пто入 $\epsilon \mu[\alpha \hat{\imath}] \epsilon, \tau \epsilon \hat{\eta}, \pi[\alpha ́ \tau \epsilon] \rho, \dot{\eta} \nu \iota \kappa^{\prime}$ '่̇ $\lambda \epsilon \gamma \chi[\cdot$.



## Col. ix.








[. .]. $\omega$ є́к кє[. . . . . . . . . . . . . $] \omega \sigma \alpha ~ \theta \epsilon \omega ิ \nu$
[ 23 letters $] \phi \nu[$

```
                        Col. x.
```



```
        。
    \epsilon,\deltaо\tau\alphaovк\epsilon\pi\iota\mu\iotaк\rho\omega\nuоvк\epsilon\pii\lambda\eta0\omega\mu\epsilon\nu0\nu
    \pi\alphav\rho\iota\sigma\tauо\nu\tauокє\nu\alpha\nu\delta\rho\iota\pi\alpha\rhoаф\nuا\omegaт\iota\sigmaїठо\iotaто
    \omega\tau\iota\nu\iota\mu\etaк\rho\epsilon[.]\sigma\sigma\omega\nu\eta\tau\iota\nu\sigma\sigma\sigma\epsilonU\tauv\chi\iota\eta\sigma
5 оv\tau\epsilon\tauо\nuа\iota\nu\eta\sigma\omega\tauо\sigmaо\nu\alpha\xi[.]о\nuо\nu\tau\epsilon\lambda\alpha0\omega\mu\alpha,
    \delta\iota\delta\iotaа\gammaар\delta\eta\delta\eta\muоv\gamma\lambda\omega\sigma\sigma\alpha\nuє\piа\muфотєрою\sigma
    \mu . [. .]0\mu\epsilon\nu\omega|{[.]]T\eta\sigma\omega\nu[.] . ov\delta\epsilon\pi[[. .]\sigma0\lambdao\nu\epsilon . \epsilon\xi\epsilon\nu
    \epsilon\rho[[. . .]\psi[.] . \delta\eta\sigma\alpha[. .] . к\alpha\pi[. . . . . . . . .]
    [ 35 letters ]v
```

Fragments.


Col. i. This is a puzzling fragment. In 1. I $\xi$ and the circumflex are clear, and the letters $v \nu$, which are faint, are assured by an impression on the back of Col. ii, to which Col. i was adhering. The relative order of these two pieces is therefore certain. There is no sign of any letter after $\xi \hat{v} v$ either in Col. i itself or in the impression. Lines 2 and 3 are in a smaller hand and, if $\xi i v$ is the end of a verse, may be a marginal entry. No traces are visible after $\tau$ in 1 . 3, but the papyrus is rather rubbed, and it is not impossible that further letters followed.

Col. iii. The position of this is shown by a partial impression on the verso of Col. iv. The fragment itself has an impression on the back which provides a few letters from the earlier portion of the lines.
2. The end of this line coincides with Callim. Fr. 35 d from Achill. Stat. Isag. in

 to which Schneider supposes the fragment to correspond is (lxvi. 79-83)
> nunc, vos optato quom iunxit lumine laeda, non prius unanimis corpora coniugibus
> tradite, nudantes reiecta veste papillas, quam iucunda mihi munera libet onj:x,
> vester ony $x$, casto colitis quae iura cubili.

prius quam mihi is regarded as a translation of $\pi \rho \dot{\rho} \nu \boldsymbol{a} \sigma \tau \dot{\epsilon} \rho \iota \tau \hat{\varphi} \mathrm{B}$. If that is correct, it seems

Col. x .







 35 letters $\quad \nu$

## Fragments.


strange that $\pi \rho i \nu$ was included in the citation, in which, as it stands, the natural sense of $\pi \rho i v$ is rather quondam.
4. The doubfful $\theta$ may be $\sigma$ or $\epsilon$, hardly $\rho$.

Col. iv. The suggested combination of two pieces in 11. I and 2 (the point of junction is indicated by vertical lines) remains uncertain in the absence of a satisfactory restoration of the word after $i \pi \epsilon \epsilon \rho$. If the combination is incorrect, Col. v will become Col. vi and ] agov $\gamma \dot{\mu} \mu o s \eta \tau \ldots$. . \&c. will become Col. v , with a possible lacuna between it and Col. iv. The small fragment $]_{\text {xcorov assigned to }} 1$. 5 was adhering to the back of Col. v , opposite mavaport[, and its position is thus indicated with probability.

1. $\pi$ o $\lambda \dot{\prime} \tilde{\pi} a \lambda \tau o s$ is a novel compound; the epithet would suit e. g. [ $\xi v \sigma \pi]$ iorov.
2. Perhaps $\left.] r^{\prime}{ }_{\eta}{ }^{\prime} \dot{\alpha} \dot{\alpha} \sigma\right\rangle \mu \eta \nu$ or $\left.\kappa a\right] r \eta \kappa \dot{\alpha}\langle\sigma\rangle \mu \eta \nu$, as Housman suggests, but with the context in its present state emendation is not hopeful. Further on $\pi$ could be read in place of $\imath \rho$ and $\nu$ or $\omega$ in place of at.
3. Teлєєо́rate: the vocative has been substituted for some other case (accus.?).

Col. v. This column, like the two preceding, is partly deciphered from impressions on the verso.
2. The original omission of this line, the place of which is marked by the ävo at the end of 1 . I, was evidently due to the circumstance that 11.2 and 3 began with the same word. The loss was supplied by the original scribe in letters of reduced size which become smaller and more cursive as he proceeds, and the latter part, of which there only remains an impression, is difficult to decipher. rov $\epsilon \nu$, which is suggested by 1.3 , seems unobtainable.

Magas, whose enmity to Philadelphus terminated with the betrothal of his daughter to the Egyptian crown prince, is commonly supposed to have died in or about b.c. $25^{8}$.
3. Jvvav, to which the insertion above the line apparently refers, remains obscure. "itu may be sound, though $\neq \tau \eta$ would give a suitable substantive for the repeated $\tau \dot{\prime} \sigma \sigma a$.
$4=$ Callim. Fr. 209, from Schol. Soph. Antig. 264. Valckenaer's correction of $\Phi \omega \kappa \epsilon i \omega \nu$ to $\Phi \omega \kappa а \dot{\epsilon} \omega \nu$ is confirmed. The various conjectures as to the source of the verse prove to have been worthless.
5. Yáuos seems more likely than $\pi$ órıs on account of the space.
6. Fr. I, containing the letters ] veiva[ (a very uncertain : $\delta, \lambda, \mu, \chi$ are equally possible), was adhering to the lower part of the verso of a fragment which higher up has impressions of the middles of 11. I and 3-4. It will not combine readily with 1.5 and so has been assigned to 1.6 , where it seems suitable.

Col. vi. I. The 'Agßúgrat belonged to the Cyrenaica (cf. Callim. Hymn. Apoll. i6 'Agßvariòı ... yain), but the word may be loosely used as an equivalent of Aißus, as in $\mathrm{Fr} \mathrm{I}_{3}$



 'has fresh in its ears', sc. the sound of the wheels. The letters $\sigma \boldsymbol{\epsilon}$ are derived from an impression which also gives the doubtful $\mu$ in 1.2 , and the rough breathing (also doubtful) on $a$ in l. 4.
2. At the end of the line ayotel seems to have been corrected to aigret, the $\gamma$ (or $\tau$ ?) being cancelled by a dot above and below it. The letters $\sigma \tau$ are fairly clear in an impression on the back of the next column, which also makes the overwritten $\sigma \in \iota$ certain. Of the two accents on $\pi \epsilon \rho t$ the acute is slightly the darker and larger. ['f ${ }^{\prime} \mu^{0} \nu$ looks probable, but is not satisfactory after $\dot{\omega} \sigma \epsilon i \pi \epsilon \rho(?)$; nor can [ $\dot{\delta}] \mu \dot{\omega} v$ be regarded as an improvement.
3. The $\dot{\eta} \delta \epsilon i a \operatorname{a} \gamma \gamma \boldsymbol{\lambda} \boldsymbol{\lambda} \hat{i}$ is presumably the news of the victory of Sosibius.
4. סaîmov: i. e. Poseidon ; cf. n. on ll. 6-7.
$5 . \kappa$ of opk[LE is not very satisfactory; the vertical stroke must be supposed to have become entirely obliterated, and to have been written close to the $\rho$. £ıov申ißaus was suggested, no doubt rightly, by both Murray and Lobel.
$6-7$. $[\gamma] \in \omega[\rho] \gamma 0 \hat{\imath}[\nu \tau]$ ss is very doubtful, but the letter before ov, if not $\gamma$, can only be $\xi$ or $\tau$, so that e. g. oikvivə


8. A dot slightly above the second $\iota$ (?), unless accidental, is more likely to represent a diaeresis than a high stop.

Col. vii. 1-2. This couplet is rendered intelligible by the slight alteration suggested by Housman of $\tau$ to $\gamma$ at the beginning of 1. 2: 'that even one divelling on the Cinyps may learn that Sosibius and Alexandria have won a double crown'. For $\gamma \dot{\eta}$ instead of $\pi$ òts cf.
 दं $\bar{\omega} \delta \bar{j}$.
 'the brother of Learchus' means Melicertes, in whose honour the Isthmian games are said to have been founded (cf. Pausan. i. 44. 8, Plutarch, Theseus ${ }^{2} 5, \&$ \&.), and the other child 'who was suckled on Myrina's milk' is Opheltes-Archemorus, who was commemorated by the games of Nemea and was the foster-child of Hypsipyle, daughter of Myrina after whom the Lemnian town Myrina was supposed to be named.

 course refers to the annual inundation. What has been regarded as the top of the $\tau$ in $\nu \epsilon \lambda \lambda \omega \tau \omega \nu$ may belong to the $\omega$, which is sometimes written in this hand with a little hook at the top of the first stroke.
 followed, though a rather longer supplement is desirable. Or was the Nile personified?
9. This line is given by Callim. Fr. 122 ; cf. the next note. The traditional order of $\pi a \rho^{\prime}$ and $\gamma^{\text {á } \rho, ~ w h i c h ~ a r e ~ t r a n s p o s e d ~ b y ~ S c h n e i d e r ~ f o l l o w i n g ~ M e i n e k e, ~ i s ~ r e t a i n e d ~(? ~ 1 . ~ M a v a \theta .) . ~}$

Col. viii. I = Callim. Fr. 122, from Schol. Pindar, Nem. x. 64 סıà roúrov aŋ $\mu a i \nu \epsilon \iota ~ \tau o u ̀ s ~$

 gives $\dot{a} \lambda \lambda \lambda^{\prime} \dot{a} \pi a \dot{a} \eta s$, at the end of the second line. Schneider proposed to assign this fragment to Aet. i. 6; Bergk was no happier in suggesting that the source was the "Apyous оікь $\boldsymbol{\mu} \boldsymbol{0}$.
3. Гגaúkns: i. e. probably the daughter of Creon and wife of Jason, from whom was named a spring near Corinth on the road to Sicyon: above it was tò кàoúpєvov థideion ; cf. Pausan. ii. 3. 6.


 $\epsilon^{\prime} \kappa$ סıaúdov is perhaps metaphorical, ' we have retraced our steps,' as e. g. in Aesch. Ag. 344 $\kappa \dot{a} \mu \psi a \iota$ סıaú入ov $\theta a ́ \tau \epsilon \rho о \nu \kappa \omega ิ \lambda о \nu$.
5. á $\theta \lambda o \phi o \rho \epsilon i v: ~ t h e ~ v e r b ~ o c c u r s ~ o n l y ~ h e r e . ~$
6. $\pi[$ á $\tau] \rho$ was suggested by Lobel : $\pi[$ is much more probable than $\tau \sigma[$.
7. Eגat does not scan, and the right emendation is not obvious.
8. ] $\omega$ : Jot or ] $\omega \iota$ are possible alternatives.

Col. ix. I-2. The $\pi a i \hat{\delta}$ es Eủpuvóp $\eta$ s are no doubt the Graces, who are commonly called
 Xápıтas), and for $\gamma v \mu \nu a ́ s ~ C a l l i m . ~ F r . ~ 266 ~ a ́ \sigma \tau a \lambda \epsilon ́ \omega \nu ~ X a p i t \omega \nu ~ \lambda o ́ \phi o \nu . ~ a i ~ X a ́ p ı \tau \epsilon s ~ \gamma v \mu \nu a i ~ b e c a m e ~$


 ri $\theta \in \sigma \theta a t$ : but the point in the present passage is not very clear. The ' $H \rho a \hat{o} \nu$ may be that near Mycenae, which had ancient statues of the Xápıres in its $\pi \rho o{ }^{2} v a o s$ (Pausan. ii. I 7. 4) and was not far from Nemea.
3. ounфpuvos is evidently an error for $\dot{o} \mu \mu^{\prime} \phi \omega \nu o s$ or $-o \nu$; Lobel's suggested correction of
 ขо́катоу ठойעаь.
5. кát Өєто: sc. probably Sosibius, who made commemorative dedications both in
 1. 4), the latter he had seen. The $\lambda$ of $\nu \epsilon i \lambda o v$ seems to have been corrected from $o$, the base of which gives the letter the appearance of a $\delta$.
6. This verse, in which apparently the rous Neidou was more closely defined, is obscured by corruption. ats is open to suspicion on account of the hiatus. The Káotov öpos was
 and there was a temple of Zeus there. kagtovets might conceal Káatos Zev́s, but the rest of the line is incongruous. veitaı $\tau \hat{\eta}$ Kaaia vaûs would give a possible sense, but is far from being convincing. With regard to the concluding words, a similar collocation is

 iбropei does not exclude a poem, but that the present passage is the source of the citation is unlikely.
$7=$ Callim. Fr. 217 , the various guesses as to the source of which were, as usual in the absence of a substantial clue, futile. This line is intelligible as the first verse of the dedicatory inscription of Sosibius.
8. The letter before the first $\omega$ was probably $\gamma, \pi$, or $\tau$, and the doubtful $\epsilon$ after $\kappa$ may equally well be $o$. At the end of the line $\theta \epsilon \omega \nu$ is not excluded.

Col. x. 2. ouk $\epsilon \pi \iota$ after $\epsilon \iota \delta о \tau a$, probably an inadvertent anticipation of oủk $\dot{\epsilon} \pi \iota \lambda \eta \theta \dot{\rho} \mu \epsilon \nu \Delta \nu$ is clearly corrupt, and kai, which was suggested by both Murray and Lobel, or tóv, is an easy alteration.
7. The restoration suggested gives a suitable sense, $[\tau] \dot{o} \quad \mu \in \nu$ referring to the first alternative, i. e. $\grave{\epsilon} \dot{a} \nu$ aiv $\eta^{\prime} \sigma \omega$ : but $\mu \eta^{\prime}\left[\mu^{\prime}\right]$ or $\left.\mu \eta^{\prime} \delta^{\circ}\right]$ ó $\mu \dot{\epsilon} \nu$ would also serve. At the end of the line the very slight remains are consistent with either ${ }_{\epsilon} \lambda \epsilon \xi \epsilon \nu$ or ${ }_{\epsilon} \rho \rho \xi \xi \epsilon \nu$. A vestige in front of the base of o of ou $\delta$ is quite in keeping with a $\delta$.
8. $\psi[\epsilon] u \delta \eta^{n} s$ or $\left.a\right] \psi[\epsilon] \cup \delta \dot{n} s$ accords with the context, but is very doubtfully read, the $\psi$ being represented only by the top of a stroke above the line equally consistent with $\phi ; \lambda$ is possible in place of $\delta$. The next word is perhaps a[ir]ika, as Lobel suggests; the first $a$ may be $\delta$.

Fr. 3. 2. The grave accent on $\epsilon$ has apparently been cancelled.,
Fr. 4. I. The supposed $\beta$ is strangely formed, rather like a figure 8. It is preceded by what looks like $\pi$ or . $\gamma$.

## 1794. Poemi in Hexameters.

$$
19 \times 12.9 \mathrm{~cm} . \quad \text { Late second century }
$$

This papyrus contains on the recto the ends and beginnings of lines of two partially effaced columns from an annotated list of property-holders, drawn up perhaps early in the second century. The Oxyrhynchite village $K \in \rho \kappa \in(\hat{v} \rho a)$

$$
\begin{aligned}
& \phi \eta \delta \epsilon о \iota \alpha \sigma \sigma о \text { [. . . . . .]кобтєко̣[. .] . } \sigma \epsilon є о ו к \epsilon \\
& \delta \epsilon \nu о \mu \epsilon \nu 0 \nu \tau \text {. [. . . . .тоборт } \alpha \rho[. .] \alpha \iota \delta \alpha \nu \epsilon \epsilon \sigma \theta \alpha \iota \\
& \tau \omega \iota 0 \cup \chi \in \iota \rho \rho[\cdot] \in[. . . . . . .] \alpha \rho \kappa \in \epsilon[\cdot] 0 v[\cdot] \in \mu \in \nu \alpha \nu \delta \eta \\
& \text { o九. . } \alpha \nu[. . .] \epsilon[. . . . . . . .] \mu o \cdot[.] \text {. . . } \tau[\cdot] \kappa \in \delta о \iota \eta \sigma \\
& 5 \tau 0 \nu \delta \epsilon \gamma \epsilon[\cdot] \epsilon \nu .[. . . . . . .] \cdot o \mu \epsilon \nu \theta \alpha \nu \epsilon \nu 0 \sigma \mu \nu \nu \epsilon \phi \cup \cdot[.] \nu
\end{aligned}
$$

$$
\begin{aligned}
& \eta \mu \epsilon \tau \epsilon \rho \eta \sigma \beta \iota \frac{1}{} \eta[\cdots] \text {. . . } \nu \delta \epsilon \mu о \iota о \iota к о \sigma \alpha \ddot{\tau} \tau \epsilon \bar{\imath} \\
& \alpha \lambda \lambda о \tau \epsilon \underset{.}{\alpha} \rho \alpha \lambda \lambda o[\cdot] \sigma 0 \lambda \beta[\cdot] \nu \lambda \alpha \chi o \sigma \alpha \nu \theta \rho \omega \pi о \iota \sigma \iota \nu
\end{aligned}
$$

$$
\begin{aligned}
& \pi \epsilon \sigma \sigma[.] \sigma \alpha \mu \epsilon \iota \beta о \mu \epsilon \nu о \sigma[.] \text { от } \epsilon \mu \nu \tau о[. . \text {. }] \lambda \lambda о т \epsilon \tau о \iota \sigma \iota[.] \\
& \epsilon!\sigma \alpha \gamma \alpha \theta 0 \nu \pi \iota \pi[\cdot .] \kappa \alpha \iota \alpha \phi \nu \epsilon 0 \nu \alpha \iota \psi \alpha \tau \iota[I .]] \theta \eta \sigma \iota
\end{aligned}
$$

is mentioned. On the verso is a nearly complete column of 21 lines from a hexameter poem, written in a medium-sized semicursive hand which dates probably from the latter part of the same century. The column has a slant to the right owing to the writer's tendency to advance to the left the commencement of the lines. A circumflex accent is once written (1.8), but apart from this no other diacritical marks occur except the diaeresis on $\iota$ and $v$. The poem and its author remain unidentified. The column is occupied by a speech of an elderly woman to a youth, whom she addresses as t'́кos. She dilates on the fickleness of fortune and explains that though now poor she had formerly been prosperous and had often entertained guests. This situation resembles that of the Hecale of Callimachus, who, moreover, puts into the mouth of Hecale the same adjective, $\lambda_{\iota \pi \epsilon \rho \nu \hat{\eta} \tau \iota s, ~ w h i c h ~ i s ~ u s e d ~ o f ~ h e r s e l f ~ b y ~ t h e ~ s p e a k e r ~ h e r e ~ ; ~ c f . ~ 1 . ~ 17, ~ n . ~ B u t ~ 11 . ~ 2-6, ~}^{\text {, }}$ so far as they can be made out, do not seem to suit the Hecale, still less 11. 20-1, in which the woman describes herself as a needy vagrant in a city, whereas Hecale when visited by Theseus was living in the country near Marathon. An identification must, therefore, be sought elsewhere, and some less polished poet of the Alexandrian school is more likely to be the author than Callimachus. The mention in 1.20 of $\eta^{\prime \prime} \delta^{\prime}$ ò $\lambda o \grave{\eta} \beta$ ov́ $\beta \rho \omega \sigma \tau \iota$ as the cause of the speaker's misfortunes recalls the story of Erysichthon as told by Callimachus in H. Dem. $3^{1}$ sqq. ; in 1. IO2 there the ravenous hunger of Erysichthon is described as какà $\beta$ ои́ $\beta \rho \omega \sigma \tau \iota s$, and some further resemblance may be found between the following lines 105-6
 but this may be a coincidence.

$\pi \rho \circ \sigma \theta \epsilon \nu \alpha \nu 0 \lambda \beta \epsilon \iota \rho \nu \tau \epsilon \cup \eta \phi \epsilon \nu \in о \nu \tau[.] \delta \alpha \nu 0 \lambda \beta o \nu$<br><br>  т $\eta \nu 0 \rho \alpha \alpha \iota \sigma \epsilon \pi \iota о \nu \tau \iota \lambda \iota \pi[\cdot \cdot] \nu \eta \pi \iota \sigma \pi \alpha \rho \circ \sigma \eta \alpha$ $\epsilon \sigma \kappa \in \delta \epsilon \mu о \iota \nu \epsilon \iota \sigma \sigma \beta \alpha \theta \nu \times[\cdot] \ddot{o} \sigma \epsilon \sigma \kappa \epsilon \nu \alpha[.] \omega \eta \iota$ $\pi о \lambda \lambda \alpha \delta \epsilon \mu \circ \iota \mu \eta \lambda \epsilon \sigma \kappa \epsilon[\cdot] \alpha \mu \epsilon \nu \delta \iota \alpha \pi \alpha \nu \tau \alpha \kappa \epsilon \delta \alpha \sigma \sigma \epsilon \nu$<br>20 ทঠо入oŋ $\beta$ ov $\beta \rho \omega \sigma \tau \iota \sigma \epsilon \gamma \omega \delta \alpha \kappa о \mu \iota \sigma \tau о\left[\right.$ [. .] ${ }^{2} \eta \tau \iota \sigma$<br>

I-2I. 'She went up to him and said "My son, my son, being so much in want of . . . you should not go to a child, whose hand cannot proffer food, nor his voice ... I myself am not ..., but the hopes of my life are broken, and my house gives a dry sound. Sometimes to one man, sometimes to another falls the lot of wealth. The way of wealth is as the way of a die, which in turn brings a lucky throw now to one now to another, suddenly making rich the man who was before poor, and making poor the man who was enriched. Even so on wheeling wings goes wealth up and down among men, prospering first one, and then another. I whom you see have given drink and food to many, for formerly I was no outcast, nay, I had fields where the crops stood deep, I had a threshing-floor, and sheep in plenty; but they were all made havoc of by this baneful famine (?), and I, an uncared for wanderer, creep thus about the crowded city".'

1. Of the letter before $\sigma \epsilon$ there is only a very small vestige, and e.g. $\eta$ could equally well be read, but ov̀ seems required by the sense.

2. $\kappa \epsilon$ : or perhaps $\sigma \epsilon$.
3. rov is possible in place of tov.
4. If our is rightly read there must be some error. $\sigma \iota \tau$ is an alternative, perhaps also on though the latter is less suitable.
5. There may have been only one letter ( $\nu$ ?) between ov and $\mu$; at any rate there is no room for ouk $[\epsilon t] \mu \mu$. ,,$\phi$, or $\psi$ may be read in place of the following doubtful $\rho$.
6. av̉]ov . . d düret : the Homeric phrase, which is used of metallic sounds, has here

7. yíp might be altered to тäá', but the $a$ is perhaps lengthened as e. g. in Homer B 39
 observes, also has Homeric analogy (e.g. $\Omega 64$ 1, H. Dem. 424), though the loss of $\tau \in$ after mintel would be easy.
8. àvo入keiv and eivgeveiv are apparently unattested. The latter can of course be

9. $\delta e \iota \nu \omega \tau \eta \sigma \iota$ must be corrected to $\delta \nu \eta \tau \eta \sigma \iota$ or $\delta \iota \eta \eta_{\eta} \epsilon \sigma \iota$. The $\omega$ is broken, but $\eta$ cannot be read.

10. The verb presumably refers to the substantives of the preceding line as well as to $u \bar{\eta} \lambda a$, to which it is more strictly suitable. Cf. Soph. Antig. 287, where Jebb's assertion that ठ $a$ aкк $\delta \hat{a} \nu$ ' could not possibly be joined with $\gamma \hat{\eta} \nu$ ' is unconvincing.
```
        \pi\rhoó\sigma0\epsilon\nu \alphả\nu0\lambda\beta\epsiloníov\tau', \epsilonủ\eta\phi\epsilon\nu\epsilońov\tau[\alpha] \delta' \alphä\nuo\lambda\betaov.
        \tauoios \delta\iotav\langle\eta\rangle\tau\eta\\sigma\iota \pi\epsilon\rho[\iota\sigma\tau]\rho\epsilońф\epsilon\tau\alphal \pi\tau\epsilon\rhoú\gamma\epsilon\sigma\sigma\iota\nu
```



```
        \eta}\mp@subsup{\delta}{}{\prime}\alpha\dot{~}[\tau]\età\eta \piо\lambda\epsiloń\epsilon\sigma\sigma\iota \pi[отò]\nu к\alphaì \sigmai\tauо\nu ö\rho\epsilon\xi
```







## 1795. Acrostic Epigrams.

Col. ii $22.3 \times 17.8 \mathrm{~cm}$.
First century.
Three fragments from two columns, one of which is practically complete, containing epigrams of precisely the same kind as those in 15, and perhaps belonging to the same collection. Each epigram consists of four hexameters in which the final foot is an iambus instead of a spondee or trochee ( $\varepsilon \xi \dot{\xi} \mu \epsilon \tau \rho o \iota ~ \mu \epsilon i o v \rho o \iota)$, and, as also in 15, each is followed by the words av̌ $\lambda(\epsilon) \iota \mu o \iota_{.}{ }^{1}$ Another feature common to the two papyri escaped notice when 15 was edited, and seems not to have been observed since. The initial letters of the successive quatrains are in alphabetical order, Col. ii including the letters $[\Theta]$ to $\Xi$, while 15 . ii includes $\mathrm{X}, \Psi, \Omega$, and so terminates the series. Whether the two papyri preserve different portions of the same collection is an open question. The absence of any coincidence in 15. i with 1795. ii is no argument against identity, since 35 lines would intervene between 1795. ii. 27 and 15. ii. I, so that, unless the column in 15 exceeded 40 lines, no overlapping would occur. But of course the number of such collections current at Oxyrhynchus need not be limited to one. The epigrams, which are well turned and include some memorable lines, are on a variety of topics without logical sequence. Some have a hedonistic tendency, others contain moral reflections or maxims of conduct. Similar subjects occurred in the specimen previously discovered; cf. ii. 12-15 with 15. i. 7 -10, ii. 1-4 (music), ii. $24-7$ with 15. ii. $6-9$ (instability of wealth).

The two minor fragments, of which one certainly, and probably the other also, is from the top of a column, are regarded as preceding rather than following the main piece on account of the handwriting, which in the upper part of Fr. I is distinctly smaller and neater than towards the end, where it begins to approximate

[^3]to the larger and more irregular formation of Col. ii. If this indication is not deceptive, the three stanzas of Fr. I began respectively with the letters $A, B, \Gamma$. The script is an upright informal uncial of an early type, with some tendency to cursive forms, notably in $\epsilon$; it may be assigned to the first century. One rather doubtful instance of a mark of elision occurs in ii. 3. The first line of each quatrain is made to protrude by a couple of letters into the left margin. On the verso is a partially obliterated account in second-century cursive. There is also an illegible half line in cursive, which apparently has nothing to do with the literary text, on the recto above Col. ii.

Col. i?

Fr. I.
] $\kappa \epsilon \phi \alpha \lambda \eta \quad \sigma \tau \epsilon \phi \alpha \nu \omega[$
] $\nu \mu \epsilon \tau \alpha$ nov $\mu \in \lambda \alpha \nu[$ os
] $\kappa \omega$ ка८ к $\boldsymbol{\lambda} \omega \nu \iota \alpha$ [
] $\omega \quad \mu \in \tau \alpha$ hov $\delta v o ~ k[$
5 ]oils ф $\alpha \nu \epsilon \rho \omega$ $\gamma \alpha \rho \in$. [
]. ot каl б८батє $\tau \omega[$
] $\kappa \omega \nu \quad \alpha \nu \epsilon \mu \omega \nu$ !. [ ]s $\pi \epsilon \rho \iota$ סактv入ov [
$\pi] \lambda о к \alpha \mu o v s$ 入єvк[ous
IO $]$ ravel ot $\pi \alpha[$ ]є youvata $\nu$. [
] $\sigma \sigma \circ \theta \epsilon[$ ]. [

Fr. 2.
] $\nu$
] $\nu \omega$
bus $\alpha v \lambda_{\iota} \mu o[\iota$
$5] v[\ldots .$. . $o v$ ] [ [. . . . . $]$
] $\epsilon \sigma \alpha S$
Ins $\quad \alpha v \lambda \iota \quad \mu \rho[\iota$

Col. ii.
$\mu \eta \delta \quad \alpha \delta \iota \kappa \iota \nu \quad \xi \eta \tau \epsilon \iota \quad \mu \eta \delta \quad \alpha \nu \quad \alpha \delta \iota[\kappa \eta \pi \rho] \sigma \sigma \epsilon \rho \iota \sigma \eta \leq$
$\phi \epsilon v \gamma \epsilon$ фovous каl $\phi \in \cup \gamma \epsilon \mu \alpha \chi \alpha s \quad \phi[l] \sigma \alpha!\delta!\alpha \phi \rho 0 \nu \in[!] \nu$ [

[l] $\delta[$ ! $]$ ]s $\epsilon \alpha \rho \quad \chi \epsilon \iota \mu \omega \nu \alpha$ $\theta \epsilon \rho о s ~ т а \nu \tau ~ \epsilon \sigma \tau \iota ~ \delta \iota o \lambda o v ~$
$5 \quad \eta \lambda \cos \alpha v \tau o s[\epsilon \delta v] \kappa \alpha \iota \nu v \xi$ $\tau \alpha \quad \tau \epsilon \tau \alpha \gamma \mu \epsilon \nu \quad \alpha \pi \epsilon \chi \in \iota$
$\mu \eta$ кот८а $\zeta \eta \tau \epsilon \iota \nu \pi \circ \theta \epsilon \nu \quad \eta \lambda \iota o s \eta \pi \circ \theta \epsilon[\nu]$ v $\quad \eta \nu \rho$
$\alpha \lambda \lambda \alpha \pi[0] \theta \epsilon \nu$ THo] $\mu v \rho о \nu$ кає tows $\sigma \tau \epsilon \phi \alpha \nu 0 v[s] \alpha \gamma о \rho \alpha \sigma \eta s \quad \alpha v \lambda \iota \mu \circ[\iota]$




 $\kappa \alpha[\iota] \Phi \rho \cup \gamma[\iota 0] s$ к $\alpha \lambda \alpha \mu о s ~ \tau \alpha \delta \epsilon \tau \alpha \nu \rho \in \alpha$ т $\tau \mu \pi \alpha \nu \alpha \pi о \nu \in \iota$

$15 \alpha \nu \lambda o \nu \quad v \pi \epsilon \rho \kappa \epsilon \phi \alpha \lambda \eta s \quad \theta \epsilon \tau \epsilon \mu \circ \iota \pi \alpha \rho \alpha \pi о \sigma\langle\sigma\rangle_{\iota} \delta \epsilon \lambda v \rho \eta\left[\nu \quad \alpha v \lambda_{\iota} \mu \circ \iota\right.$

$\eta$ TוS $\epsilon \nu \alpha \nu \theta \rho \omega \pi o l s$ Xpuбov $\pi \alpha \lambda \iota \nu$ єvрато $\mu \in \tau \rho \circ \nu$

$\pi \lambda o v \sigma l o s ~ \omega \nu \delta$ o $\tau \alpha \lambda \alpha s \beta \alpha \sigma \alpha \nu \iota \sigma[\delta] \epsilon \tau \alpha \iota \quad \omega \sigma \pi \epsilon \rho$ о $\pi \epsilon \nu \eta s \quad \alpha \nu \lambda[\iota \mu \circ \iota$
$20 \nu \epsilon \kappa \rho \circ \nu \epsilon \alpha \nu \pi \circ \theta$ i $\delta \eta s$ кає $\mu \nu \eta \mu \alpha \tau \alpha \kappa \omega \phi \alpha \pi \alpha \rho \alpha \gamma \eta s$


- X $\rho \circ[\nu]$ os $\epsilon \sigma \tau \iota$ бavos то $\zeta \eta \nu$ тıкроs $\epsilon \sigma \theta$ о $\delta \alpha \nu \iota \sigma \alpha s$ $\kappa \alpha \nu$ тот атаıт $\quad \sigma \alpha \iota \quad \sigma \epsilon \theta \epsilon \lambda \eta$ к $\lambda \alpha \iota \omega \nu[\alpha] \pi о \delta \iota \delta о \iota s \quad \alpha v \lambda \iota \mu о \iota$
录 $\epsilon\} \eta \xi \quad \eta \nu \quad \beta \alpha \sigma \iota \lambda \epsilon[v] s$ o $\lambda \in \gamma \omega \nu \quad \Delta \ddot{i} \pi \alpha \nu \tau \alpha \quad \mu \epsilon \rho \iota \sigma \alpha \iota$
25 os $\delta v \sigma\langle i\rangle \pi \eta \delta \alpha \lambda[l] 0[t] s$ ноขоs $\epsilon \sigma \chi \iota \sigma \epsilon \Lambda \eta \mu \nu \iota \nu v \delta \omega \rho$



Fr. 1. 4. l. $\mu \epsilon \tau^{\prime} \epsilon^{\prime} \mu \nu \hat{v}$.
6. e. g. ] $\lambda o \iota,] \mu o \iota$.
9. This quatrain evidently deals with old age and the approach of death; cf. ii. 20-3.

Fr. 2. As stated in the introduction, this fragment, like Fr. r, is probably from the top of the column, since otherwise, unless the line preceding l. i was abnormally short, some part of avi七 $\mu$ ot should be visible. The spacing of the lines is also suitable.

Col. ii.
' Try not to injure, and if you are injured, do not retaliate ; shun murder, shun strife, avoid discord, and you will have little trouble and moreover will not repent. Pipe me a tune.
' You see spring, winter, summer: these are general. The sun himself sets and night takes her appointed place. Toil not to seek whence comes the sun or whence the water, but where you may buy perfume and garlands. Pipe me a tune.
'I should like three welling founts of honey, five of milk, ten of wine, twelve of perfume, and two of spring water and three of snow; I should like at each fount a boy and a maid. Pipe me a tune.
'A Lydian flute serves me, and Lydian strains of the lyre, and Phrygian pipe, and drum of oxhide. While I live I long for these to play, and when I die, put a flute above my head and at my feet a lyre. Pipe me a tune.
' Who has found the limits of wealth, who the limits of poverty, or who has found the limit of gold among men? For now he who has money wishes for still more money, and the rich man, poor wretch, is tormented like the poor. Pipe me a tune.
' If ever you see a corpse or pass a silent tomb, you are looking at a common mirror ; the dead man's expectation was as yours. Life is a loan : the lender of life is stern, and when he wants to demand it back, in sorrow you will repay. Pipe me a tune.
' Xerxes was a king who said that he shared the sovereignty of Zeus, and he sailed over the water of Lemnos with but two boats. Rich was Midas, trebly-rich was Cinyras, but who went down to Hades with more than an obol? Pipe me a tune.'
I. $\pi \rho$ loofpıons: the remains of the terinination are scanty, but seem too much for -oat.
 The reading, however, is far from certain, $a$ being especially doubfful; the letter after $\delta$ may well be $v$.

6. 1. $\tilde{v} \delta \omega \rho$.
7. The first $\sigma$ of $\sigma \tau \epsilon \phi a v o v[s]$ is a correction, perhaps from a partially formed $\tau$. Cf. 1. $1_{5}$, where there is an unnoticed lipography.
13. tavpeia is a drum or something of the kind in Geop. xv. 25. 3.

I 4. $\zeta \omega \nu$ provides a good antithesis, but the $\zeta$ is not altogether satisfactory and the other remains are very scanty. 1. ёрацаи.
15. 1. $\lambda$ ípav : the correct form was written in 1. 12.
16. 1. $\boldsymbol{\tau}$ is for $\pi n \lambda$, which has come in from the next line. For the tmesis of. e.g.



20. 1. $\pi$ or'. $i \delta \epsilon i v$ is one of the words often wrongly aspirated; being influenced no doubt by ópâv, e. g. Philipp. ii. 23 光 $\omega$ äv íhióo ; cf. Mayser, Grammatik, p. 201.


 Job xxxiv, 1 I.
26. sof oג $\beta \iota s$ was converted from o. -ts for tos is a common vulgarism.
27. ots seems inevitable here, but the remains suggest $\varepsilon$ rather than s. This may be deceptive, but possibly $\epsilon$ was written twice by mistake instead of $\sigma \epsilon$ :

## 1796. Hexameter Poem on Egyptian Botany.

$$
21 \times 35 \mathrm{~cm} .
$$

Second century.
The recto of this papyrus contains remains of three columns, the second of which is nearly complete, from a list of abstracts of contracts or other transactions concerning property, drawn up in the first half of the second century. The verso is inscribed with two columns of a hexameter poem dealing with Egyptian plants or trees. Col. i, besides lacking the beginnings of lines, is in bad condition, and does not seem worth reproduction; the second column, which is in much better case, is printed, and will probably be found a sufficient sample. Apparently the upper half of the column relates to the cyclamen, which was also the subject of
at any rate the greater part of the preceding column ( $\pi o \lambda v \gamma \lambda a \gamma \epsilon \in \omega \nu \kappa v[\lambda a, \mu \epsilon i \nu \omega \nu$ 1. 9. кvк入á $] \mu \epsilon \iota \nu=s 1.12$; the form $\theta \epsilon$ є $\rho \mu \epsilon \tau a \iota$ in 1. I9 deserves to be noticed). At 1.12 of Col. ii the writer turns to the persea tree, to which the rest of the column is devoted. The style is diffuse, and the poem must have been of considerable length if many subjects were treated on a similar scale. Its author is hardly likely to be identified, nor need the loss of his name be regretted; his work seems to have been of small merit, whether from the literary or scientific point of view.

The text is written in a heavy upright semicursive with no diacritical marks other than the diaeresis. A short oblique dash is once used apparently for punctuation at the end of a line in Col. $i$, and paragraphi were also employed. Corrections in the body of the text are frequent, and there are also some marginalia in a closely similar if not identical hand: 1822, which was found at the same time as this papyrus, presents some analogous features.

$$
\begin{aligned}
& \text { [a]! } \\
& \epsilon \sigma \theta \alpha \nu \epsilon \tau \alpha[\iota] \pi о \tau \alpha \mu \circ \nu \quad \gamma \alpha \rho \in \pi \eta \lambda \nu \sigma \iota \nu \quad \eta \nu \delta \alpha \pi o \lambda \epsilon \iota \pi \eta \iota \\
& \rho \iota \S \eta \sigma \iota \nu \quad \mu \epsilon \gamma \alpha \lambda \eta \sigma \iota \nu \quad \alpha \tau \epsilon \text { фроעєоут८ } \lambda о \gamma \iota \sigma \mu \omega \iota
\end{aligned}
$$

$$
\begin{aligned}
& \alpha \lambda \lambda \text { ouk } \epsilon \sigma \theta \text { отє картоу } \epsilon \phi \epsilon \delta \rho \epsilon \text { vovo } \lambda \iota \beta \epsilon \sigma \theta \alpha \iota \\
& \alpha \nu \theta \rho \omega \pi \ll \chi^{\alpha o \nu \tau \epsilon S} \epsilon[\nu] \tau \rho \alpha \phi \epsilon \omega \nu \text { кขк } \lambda \alpha \mu \epsilon \iota \omega \omega \\
& \pi о \lambda \lambda \eta \quad \gamma \alpha \rho \quad N \epsilon \iota \lambda o \iota o \quad \chi v \sigma \iota s \pi o \lambda \lambda \eta \delta \epsilon \pi \iota \quad \sigma \iota \tau \omega \quad \epsilon \pi[
\end{aligned}
$$

$$
\begin{aligned}
& \epsilon \cup \theta \epsilon \nu \iota \eta \nu \text { ov ка } \rho \pi \text { os } \epsilon \pi \iota \quad \chi \text { Өova } \pi \alpha \sigma \alpha \nu \text { oס } \delta \cup \in \iota \\
& \omega \gamma v \gamma \iota o s ̣ \text { vouos ovtos } \alpha \pi \alpha \rho \chi \alpha \iota \omega \nu \in \tau \quad \alpha \nu \alpha \kappa \tau \omega \nu \\
& \text { I- } \theta \epsilon \sigma \theta \alpha \iota \quad \delta \epsilon \nu \delta \rho \epsilon \alpha \text { кєเva } \pi \alpha \rho \alpha \lambda \lambda \eta \lambda \text { о८ } \sigma \iota \text { ко } \lambda \omega \nu \alpha \iota s
\end{aligned}
$$

$$
\begin{aligned}
& \pi \epsilon \rho \sigma \iota \eta \delta \text { акرпттоs vто } \chi^{\lambda o \epsilon \rho \rho}\left[\begin{array}{l}
\ell \sigma! \\
\nu \nu
\end{array}\right]^{\tau \omega \nu} \pi \epsilon \tau \eta \lambda o \iota s
\end{aligned}
$$

$$
\begin{aligned}
& \sigma
\end{aligned}
$$

 $\sigma \nu \mu \phi \epsilon \rho \in \tau \alpha \iota \mu 0 \nu \nu \eta \quad \gamma \alpha \rho \alpha \theta \omega \pi \epsilon \nu \tau \omega l \quad \delta \epsilon \gamma \epsilon \gamma \eta \theta \in \nu \quad \pi \epsilon \rho \eta[$ $\alpha \delta \rho \circ \sigma \iota \eta$ к $\alpha \rho \pi о \nu \quad \gamma \alpha \rho$ v $\quad \alpha \delta \rho \circ \sigma \iota \eta \sigma \iota \quad \pi \epsilon \pi \alpha \iota \nu \epsilon \iota$ ? ${ }^{\text {ev }}$ $\sigma \eta \mu \alpha$ ка८ $\eta \mu \epsilon \rho \iota \eta s \quad \epsilon \cup \epsilon \iota \delta \in[\mathbb{I} \cdot] \mid s \in \gamma \gamma \nu s \quad\{\epsilon\} \iota \delta \epsilon \sigma \theta \alpha \iota$
 $\kappa \alpha \rho \pi о \nu \alpha \pi$ офалноьо $\nu[\epsilon] \omega \ell$ бvvavךкато $\beta \lambda \alpha \sigma \tau \omega$ ब $\eta \epsilon \rho о \mathrm{~s}$ акр८б८ $\eta \sigma \iota \pi \rho \rho \rho \sigma \cdot \phi \iota \cdot[\cdot] \in \iota \delta \quad \epsilon \pi \iota \kappa \eta \pi \omega \iota$

1. There is not enough to show whether the initial $\epsilon$ written by a common confusion

2. In the margin in front of this line is a $\delta$ or a having the third stroke protracted downwards; the meaning of this is obscure.
3. $\chi$ rovtes is perhaps for xatéovtes.
4. $\sigma \in \epsilon \tau \omega$, if that is right word, is for $\sigma i \tau 0 v . ~ \epsilon \pi[(?)$ in the margin looks like a correction of or variant on $\epsilon \pi \iota \sigma \epsilon t \tau \omega$.
5. l. $\epsilon \pi \sigma i \eta \sigma \epsilon \nu$ ? $\epsilon v$. might be read instead of $\epsilon \pi$, but seems no easier.
6. $\omega \gamma v \gamma$ tov was apparently written originally. To what $\delta a \lambda$ [ in the margin refers is not clear ; the letters are slightly above 1.9 , but nearer to it than to 1.8.
7. $\delta \in \nu \delta \rho \epsilon a$ is unexpected, since the subject under discussion both here and in the previous column appears to be the кvкגápıоs; cf. int. Perhaps, however, this was a digression; Dioscorides describes one variety of кuкגд́ $\mu \nu \nu o s$ as growing in shady places,

 in here in connexion with some tree, to which $\delta$ évópea кєiva goes back. The tree, as Housman remarks, might be the äkav $\theta$, which is planted on modern embankments because the roots bind the soil.
8. $\pi \epsilon \rho \sigma\langle\epsilon\rangle \eta$ : cf. e. g. Nicander, Al. $99 \pi \epsilon \rho \sigma \epsilon i \eta s$ кá $\rho v a, 53.7$. The persea, which was an exclusively Egyptian tree (Strabo xvii, p. 823, includes it among the iotásovaa of the country), is described at length by Theophrastus, H. P. iv. 2-5, who says that it кáprav ф'́pєt
 üкиұтos here. It seems to have become a rarity by the fourth century (53; cf. Wilcken, Archiv i, p. 127) and was protected by an edict of Arcadius (Cod. Iust. xi. 77).

The interlinear insertion is difficult both to decipher and to explain; $\chi^{\lambda o \epsilon \rho o \iota \sigma t, ~ a s ~}$ written in the margin, must in any case be read. The first $o$ of the marginal lection has been corrected.

15. l. ${ }^{\epsilon} \gamma \gamma \nu \theta \epsilon \nu, \quad \sigma$ was written over $\nu$ by mistake for $\gamma$.
17. Both this and the preceding marginal note are obscure. $a \theta \omega \pi \epsilon \nu \tau \omega t=$ 'harsh ', as in Anth. Pal. vi. 168.
19. $\eta \mu \epsilon \rho \iota \eta s=\dot{\eta} \mu \epsilon \rho \frac{1}{\tau} \eta \tau о s$, 'culture,' resulting in continual fruitfulness, of which a wild tree would not be capable (Housman) : this substantive does not occur else where.
21. The interpretation of the abbreviation in the margin is doubtful.
22. axpt $\sigma \iota \eta \sigma t=$ 'fluctuations'? The next word is puzzling. If $\phi$ is right, the letter between this and $\sigma$ was quite narrow (? c). The penultimate letter seems to have been corrected, and $\epsilon$ is very uncertain.

## 1797. Antipion Sophistes, Пєpi 'Adך $\theta \epsilon i a s, i ?$

$$
22.4 \times 16.3 \mathrm{~cm} . \quad \text { Early third century. }
$$

These two columns of a philosophical work belonged to the same find as 1364, the fragments of the sophist Antiphon $\Pi \epsilon \rho i{ }^{\prime} A \lambda \eta \theta \epsilon i a s$, but owing to obvious differences both in handwriting and in the length and width of their columns, the two papyri were not supposed to be connected. Further investigation, however, now suggests that they represent the same author, if not actually related themselves. The subject of this new piece is the ethics of legal evidence, the justice of which is controverted in opposition to the current view. If justice consists in not wronging others when not wronged oneself, then, it is contended, to give adverse evidence, even when the evidence is true, is essentially unjust. A person so convicted is injured, and his resentment may result in further injury to the giver of the evidence. Legal procedure in general, which benefits one man at the expense of another, is vitiated by similar injustice. This sophistical argument is quite in the manner of 1364, where Antiphon, starting from another definition of justice as the observance of law, maintains that this is a matter of expediency and that, so long as the breach is unobserved, the law may be broken with advantage ; cf. Part XI, pp. 92 sqq. In style also the present text recalls 1364 ; see op. cit., p. 95, where the literary estimate of Antiphon found in Hermogenes, De ideis, ii. 11. 17, and the stylistic analysis in E. Jacoby's De Antiph. Soph. חєрi 'O ${ }^{\text {a }}$ ovoias, pp. 48 sqq., are considered in relation to that papyrus. Among special characteristics the sophist's tendency to poetic rhythm is exemplified in 11. IO-I $1,16-18,47-9$, and $51-3$ below, and his partiality for synonyms in 11. 64-5. It may be worth noting that the expression $\grave{\epsilon} \nu \tau \boldsymbol{\tau} \boldsymbol{v} \tau \omega$, which seems to have been rather favoured by the author of 1797 , is found also in 1364. 272. No instance occurs of $\xi \dot{v} \nu$ or $\sigma \dot{v} \nu$; the spelling $\tau \tau$, used in 1364, appears once in 1. 44. The ascription to Antiphon thus seems sufficiently likely on internal evidence, and some external marks of relationship between the two papyri, in addition to the fact that they were found in close proximity, are also forthcoming. Though the hands are not identical they are of the same type and are certainly very close in date. The column in 1797 is about 3 cm . longer and 1 cm . broader than in 1364, but the height of the papyrus is approximately identical. Breathings, accents, and marks of quantity, which are rare in prose texts, have been occasionally inserted in both papyri, apparently by a second hand, to which may be also due the punctuation by means of high or medial dots (in 1364 one instance occurred of a low dot). The possibility is suggested that the same hand made these additions in both texts; in that case $\mathbf{1 7 8 7}$ might actually be a later section of the
same roll as 1364，which is shown by a stichometrical figure to have belonged to the earlier portion of the book；or alternatively 1797 may be supposed to be from another treatise of Antiphon，the Пo入ıtıкús or the Пєpì＇O ＇ being more or less uniform with that of the $\Pi_{\epsilon \rho i}$＇$A \lambda \eta \theta \in i ́ a s ~(1364) ~ a n d ~ b e l o n g i n g ~$ to the same owner．

Col．i．
［．．．．．．］tov dıкalov ［ $\sigma \pi$ ov $\delta]$ a！ov doкоuv
［тоs то］$\mu \alpha \rho т и \rho \epsilon \iota \nu$ $\left[\begin{array}{ll}\epsilon \nu & \alpha \lambda\end{array}\right] \lambda \eta \lambda o \iota s ~ \tau \alpha \lambda \eta \theta \eta$
；$[\delta i к \alpha \iota o], \nu \nu \circ \mu t \zeta \epsilon \tau \alpha \iota$


［ $\tau \alpha \tau \omega \nu$ ］$\alpha \nu \theta \rho \omega \pi \omega \nu$
$[\epsilon \pi \iota \tau] \eta \delta \epsilon v \mu \alpha \tau \alpha$.
10［ Tovio］Tolvuv ov סo ［ка८os］$\epsilon \sigma \tau \alpha \iota$ o $\pi о \iota \omega \nu$ ．
$\left[\begin{array}{ll}\kappa \alpha \iota & \gamma \alpha]\end{array}\right]$ то $\mu \eta$ а $\alpha \iota \kappa \epsilon \iota \nu$
$[\mu \eta \delta] \in \nu \alpha \mu \eta$ a $\delta \iota$

15 ［ $\delta \iota \kappa] \alpha \alpha \nu \nu \epsilon \sigma \tau \iota \nu \quad \alpha \nu \alpha \gamma$
［кך］үар тор $\mu$ артv
［ $\rho 0 \cup] \nu \tau \alpha \kappa \alpha \nu \alpha \lambda \eta$
$\left[\begin{array}{ll}\eta & \mu\end{array}\right] \alpha \rho \tau v \rho \eta$ ．он $\omega$
［ $\alpha \lambda \lambda o \nu] \pi \omega s$ adıкє $\nu^{-}$
20 ［ $\epsilon$ tкos $\delta \epsilon$ ？］avtor a［
$[\delta i] \kappa \epsilon!\sigma \theta \alpha \iota[\epsilon \iota \vee v \sigma \tau \epsilon$
$[\rho o] \nu \cdot \epsilon \nu \epsilon[\sigma \tau \iota \gamma \epsilon$
$[\epsilon] \nu \quad \omega \iota \delta \iota \alpha \quad \tau\left[\begin{array}{lll}\alpha & v \pi & \epsilon \kappa \epsilon \iota\end{array}\right.$
$[\nu] 0 \nu \quad \mu \alpha \rho \tau[v \rho \eta \theta \in \nu$
${ }_{2}{ }_{5} \tau \alpha \alpha \lambda \iota \sigma \kappa[\epsilon] \tau \alpha \iota$ о к $\alpha$ танартvрои $\mu \epsilon \nu$ оऽ＊ кає атол入ขб८ข $\eta$

Col．ii．
$\lambda \eta \theta \eta \mu \alpha \rho \tau v \rho[\eta$
40 бas．кає ov $\mu 0 \nu[0 \nu$
$\tau \omega \iota \mu^{\hat{L}} \sigma \epsilon \iota \cdot \alpha \lambda \lambda \alpha \kappa[\alpha \iota$
oтl $\delta \in \iota$ avtov тo［v
$\alpha \iota \omega \nu \alpha \pi \alpha \nu \tau \alpha \phi v$
$\lambda \alpha \tau \tau \epsilon \sigma \theta \alpha \iota$ тоито［ $\nu$
ôv катє $\mu \alpha \rho \tau v \rho[\eta$
$\sigma \epsilon \nu \cdot$ ws $\ddot{v} \pi \alpha \rho \chi \epsilon[\iota$
$\gamma$ autcl $\epsilon \chi$ Xpos toto［u
tos olos каı $\lambda \in \gamma \in \iota$［
кal $\delta \rho \hat{\alpha} \nu$ єl $\tau \iota \delta v \nu[\alpha \iota$
50 то какоу аuтор ка［七
тоц таvта фаívєтаl
ov $\sigma \mu$ ккра оута $\tau \alpha$
ঠıкпиата оутє
${ }_{\alpha}$ avtos $\alpha \delta \iota \kappa \epsilon \iota \tau \alpha$ ．
оитє a a $\alpha$ เкєا ov $\gamma \alpha \rho$
\％olov $\tau \epsilon \tau \dot{\alpha} v \tau \alpha \quad \tau \epsilon \delta_{\iota}$
каıа єıval каı то $\mu \eta$
$[\delta] \in \nu \quad a \delta!\kappa \epsilon \iota \nu \quad \mu \eta$

$60 \quad[\alpha \lambda] \lambda \alpha \nu \alpha \gamma \kappa \eta \quad \epsilon \sigma \tau \iota \nu$
［ $\eta$ ］$\tau \alpha \in \tau \in \rho \alpha \alpha \nu \tau \omega \nu$
$[\delta]<\kappa \alpha \iota \alpha$ єเval• $\eta$ а $\mu$
$\phi о т \epsilon \rho \alpha$ а $\delta \iota \kappa \alpha \cdot \phi \alpha$
$\overline{\nu \epsilon \tau} \alpha \iota \quad \delta \epsilon к \alpha \iota$ то $\delta \iota \kappa \alpha$
65 § $\epsilon \iota \nu$ кає то кр $\kappa \nu \in \iota \nu$
ка८ то $\delta \iota a \tau \alpha \nu$ от $\omega$ s

```
    \chiр\eta\muата \eta \alphau\tauо\nu
    [\delta]\iota\alpha тоuTo\nu ov ov\deltaє\nu
3० [\alpha]\delta\iotaк\epsilonl' \in\nu \mu\epsilon\nu ou\nu
    \tauо\cupт\omegal \tauо\nu ката
    [\mu]\alpha\rho\tauч\rhoоч\mu\epsilon\nuо\nu
    [\alpha]\delta\iotaк\in\ell оть оик \alpha\delta,
    [ко]uv\tau\alpha €\alphauто\nu \alpha
35[\deltal]\kappa\epsilonl\cdot avtos \delta a\delta\iotaк\inl
    [\tau\alpha\iota v]\piо то⿱ ката\mu\alphaр
    [\tauט\rho\eta0]\epsilonl\tauоS оть }\mu
    [\sigma\epsilonL\tau\alphal] \ddot{|\pi \alphay\tauov T\alpha [\alpha}
```

av $\pi \epsilon \rho \alpha \iota \nu \eta \tau \alpha \iota$ ov
［ঠ］скаıа оута то $\gamma$ ра
$[\alpha] \lambda \lambda o u s \omega \phi \in \lambda o u v \quad \alpha \lambda$
70 ［ $\lambda 0$ ］us $\beta \lambda \alpha \pi \tau \epsilon l^{\circ} \in \nu \delta \epsilon$
［ $\tau 0 \nu] \tau \omega \iota$ ol $\mu \in \nu \omega \phi \in \lambda o \nu$
$[\mu \in \nu 0] \iota$ оuк $\alpha \delta \iota \operatorname{kov}[\nu$
$\left[\begin{array}{lll}\tau \alpha \iota & 0 \iota\end{array}\right] \delta \epsilon \beta \lambda \alpha \pi \tau 0 \mu \epsilon[\nu 0 \iota$
［ $\alpha \delta \iota к о] \cup \nu \tau \alpha[\iota \ldots$
$75 \quad$［．．．．$] \mu r_{\imath} \nu[. . . . .$.
［．．．］．เvov［．．．．．．．．

Fr．
］Tous vou［ous
＇．．．justice is regarded as virtuous and at the same time to testify to the truth concerning one another is considered just and equally useful for human pursuits．The man who does so however is not just．For it is just to wrong no one when one is not oneself wronged ；and he who gives testimony，even if it is true，cannot help to some extent doing a wrong ；and there is a probability that he may himself subsequently be wronged：this is at any rate possible，in so far as the man against whom he testifies is convicted in conse－ quence of his testimony，and loses either money or life owing to a person whom he is in no way wronging．Herein therefore he wrongs the man against whom testimony is given，that he wrongs some one who is not wronging him ；and he is himself wronged by such a person， because he is hated by him although he testified to the truth，and wronged not by his hatred only but also because he must always be on his guard against this man against whom he testified，regarding him as an enemy prepared to do what damage he can，either in word or deed．These wrongs do not seem inconsiderable，either those received or those inflicted． For it is not possible that these acts should be just and that not to do or receive a wrong should also be just，but either one of them must be just or both must be unjust．Con－ demnation，judgement，and arbitration，whatever their upshot，are therefore seen not to be just；for what benefits some injures others；and in this those who are benefitted are not wronged，but those who are injured ．．．
 by Murray，is not impossible．

20－4．The restoration proposed，if not altogether convincing，is fairly satisfactory： It is not quite certain that a line is not lost between 11.20 and $2 \mathbf{I}$ ，the lower half of the column being detached，nor is it quite clear that in 3.22 a small dot after the first $\nu$ was intended as a stop．$a v \mid \tau]$ ov instead of $\epsilon \kappa \epsilon|\mid \nu] o v$ would hardly fill the space in 1． 24.

28．aírò̀ àmo入入úvat is an intelligible expression，but with रрךцата preceding it seems more likely than not that aúròv $\langle\dot{o} \dot{v} \beta$ ioov ）should be read．
34. єaviov appears to have been written, not aior $[\kappa 0]$ vиra[s] avrov.
56. тàvтa: i. e. тav̇兀á, but tav̂ta is wanted; cf. 1364.' 194, where the same accent is given, though there perhaps correctly. Whether the marginal symbol, for which cf. e.g. 16. ii. $3, \& c$., has anything to do with the accentuation is doubtful.

Fr. That this scrap belongs to the same text as the preceding piece seems likely, but is not certain.

## 1798. Anonymous work on Alexander the Great.

$$
\text { Fr. } 44 \quad 14.3 \times 34.3 \mathrm{~cm} . \quad \text { Late second century. }
$$

These fragments from a historical work dealing with Alexander the Great are written in a medium-sized informal hand, probably of the middle or latter part of the second century ; on the verso is 1802 , an alphabetical lexicon of rare words, also in a semicursive but smaller script. The copyist, as often happened, tended gradually to advance the commencement of the lines to the left as he proceeded, so giving the columns a slant to the right. Paragraphi are sparingly used, but there are no stops, or other signs except the diaeresis. Two small corrections occur (Frs. 10 and I4), one clearly, and probably both, by a second hand. A stichometrical figure $\psi$, i. e. 2,300 , in the margin of Frs. 5-6. ii, is due to the original scribe. Unfortunately the height of the column is unknown, but in consideration of the size of the handwriting it is not at all likely to have exceeded 50 lines and may well have been shorter. On the supposition that the column did not extend beyond that limit, Frs. $5^{-6}$. ii was preceded by at least 46 columns which would occupy some 13 feet. Since the fragment concerned apparently relates to the period of the battle of the Granicus, it is evident that the scale of the work was very considerable.

The text on the verso proceeds in the opposite direction to that on the recto, and did not extend over the whole of the roll, many of the smaller pieces (Frs. $\mathrm{I}-43$ ) having the verso blank. Since some of these clearly. refer to a period prior to that covered by the fragments of which the verso is inscribed, they have all been placed in a group before the latter. Presumably the lexicon, which was of no small compass, was not completed. Of this group only two or three pieces are sufficiently well preserved to afford a clear clue to their subject. Fr. 1 apparently describes the circumstances of the death of Philip, of which an account is given differing somewhat from what is found in other sources; cf. the commentary. In Fr. 2 some hexameter lines are quoted evidently in connexion with the destruction of Thebes, which was 'left without a habitation among men '. Frs. $5^{-6}$ mention Spithridates, who was one of the Persian satraps opposed to Alexander in the battle of the Granicus.

The main fragment is No. 44, in which are preserved the upper parts of five successive columns, the fifth, however, represented by the beginnings of the lines only; on the verso of this fragment are two columns of the lexicon, containing words beginning with M (1802. 3). Col. i repeats the well-known story of the physician Philip who, after having undertaken to prescribe for Alexander when suffering from fever at Tarsus in the summer of B.C. 333, was accused by Parmenion in a letter to the king of being in the pay of Darius. Cols. ii-iv are concerned with the battle of Issus, which took place in the autumn of the same year. A large lacuna intervenes between this and Fr. 45, which mentions Alexander's passage of the Euphrates preparatory to the battle of Arbela in September, $33^{1}$ B.C. In the interval occurred the capture of Damascus, the sieges of Tyre and Gaza, and the expedition into Egypt, to the last three of which twelve chapters were given by Diodorus; an allowance of as many columns in the papyrus would certainly not be disproportionately large. The remaining fragments are insignificant.

To the identity of the writer a clue remains to be found. Since these fragments, so far as their contents are recognizable, are all directly concerned with Alexander, it is a natural assumption that they come from one of the many chronicles, historical or romantic, devoted to the career of that striking personality rather than from a history of wider scope. The main Greek authorities for Alexander are of course Diodorus, Arrian, and Plutarch, and on the battle of Issus, with which the principal fragment of the papyrus is mostly concerned, we have also the statements of Callisthenes which are criticized by Polybius xii. ${ }_{17}$ sqq. ; but with none of these are any marks of affinity discoverable. On the other hand, there are two clear coincidences with the Roman Quintus Curtius Rufus, an obscure personality whose monograph on Alexander is commonly attributed to the first century A. D. The papyrus agrees precisely with Curtius against Arrian and Plutarch as to the terms of the bribe said to have been offered to the physician Philip by Darius, and, what is more interesting, reaffirms more circumstantially the statement that Alexander on the eve of the battle of Issus was overcome by an attack of nerves (see nn. on Fr. 44. i. 8 -10, ii. 6 sqq., I5). A reason given in Fr. 44. iii. 18-19 for abandoning the pursuit of Darius but not elsewhere recorded, may also be glanced at by Curtius; cf. n. ad loc. These coincidences imply either that our author was known to Curtius or that they had a common source; the supposition that the papyrus drew on Curtius is too improbable to need consideration. Curtius' sources have been discussed at length by J. Kaerst in Beitr. z. Quellenkritik des Q. Curtius Rufus and Forschungen z. Gesch. Alexanders, and more recently by E. Schwartz in Pauly-Wissowa, Realencycl. iv. 1871 sqq., and Rüegg, Beitr. z. Erforschung der

Quellenverhaltnisse in d. Alexandergesch. des Curtius. The authority on whom Curtius principally depended, according to the current view, was Clitarchus, but since the same authority was clusely followed by Diodorus, with whom no connexion is traceable in 1798 , this clearly cannot be the connecting link between 1798 and Curtius. It is: however, recognized that Curtius employed other sources, which as distinguished from those of Arrian and Plutarch are considered to be secondary and comparatively late (cf. Schwartz, op. cit. 1876); but what precisely they were is not known.

Curtius, then, is not rated as high-class company, and agreement with him against others will not establish a prejudice in favour of such statements as are peculiar to the papyrus. Of these the most significant is the estimate given of the numbers slain in the battle of Issus; this more than doubles the highest total found elsewhere for the Macedonian and approximately halves that for the Persian side ; cf. n. on Fr. 44. iv. 9 sqq. Whatever may be thought of the historical value of these figures, they serve, like the description of Alexander's state of mind before the battle, to throw some light on the author's standpoint: the tendency to depreciate Alexander is less definitely affirmable than of Curtius, but evidently the aim was not glorification. Their claim to attention, however, is increased by the fact that the papyrus, alone among ancient authorities, estimates separately the loss of the mercenaries in the Persian service. It has been suggested by Kaerst (Gesch. des Hellenismus, i, p. 522), in agreement with Ranke, that the sources of Diodorus included information derived from Darius' Greek mercenaries. That theory now finds in 1798, which might here have the same source behind it, a certain support. Other points elsewhere unrecorded in connexion with the battle are the preliminary prayers and sacrifices to Poseidon, Thetis, Nereus, and the Nereïds (Fr. 44. ii ; see n. on 11. 9-11), and the anecdote about the slice of bread with which the conqueror had to satisfy his hunger next day (ibid. iv). The story of Philip the physician follows familiar lines, but no other account attributes to the incriminating letter of Parmenion the unworthy motive of private hostility, a statement pointing to an antiParmenion bias, which is traceable also in Diodorus and Curtius and goes back not improbably to Clitarchus. The fragment (1) referring apparently to the death of Philip of Macedon shows a marked divergence from the ordinary version of that episode, and it is highly unfortunate that more of the narrative is not preserved.

In form this writer is clear and straightforward, if somewhat monotonous. $\partial \dot{\epsilon} \dot{6}$ is his favourite connecting particle, and there is but one instance of the genitive absolute ; a certain partiality to the historic present is noticeable (Fr. 44. i. 5, 16, Fr. 45. 6). To hiatus he is indifferent. Some eccentricities like the poetical
spelling $\grave{a} \pi o \tau v \pi a v i \zeta \epsilon \epsilon \nu$ may be due to copyists，but the form $\dot{a} v \in \lambda \in \hat{\imath}(\operatorname{Fr}, 44$. i．12） is not without significance，suggesting that the date of composition，though it may well be posterior to the Augustan age，was at any rate little in advance of it．

```
                                    Fr. I.
    [ . . . .]_ovs \mu[.].[. .
    [..... 有\epsilon\alpha\tau[\rho]\omega\iota к\alpha[..
    [. .....]ovs a\pi\epsilon[. . .
    [. . . . . ]\epsilon \pi\epsilon\rho\ell 0\rhoov[0\nu
5 [. . . . . . ]l\nu тоוs \mu[[. .
    [...... \pi]a\rho\epsilon\delta\omegaк\epsilon [
    [.......] а\pi\epsilon\tauv\pi\alpha\nu[l
    [\sigma\alpha\nu \alphav\tau0]v \tauo \delta\epsilon \sigma\omega\mu[\alpha
[\mp@code{ov \Phil\lambda]<\pi\piov 0\epsilon\rho\alpha [}
10 [\piov\sigma\iota 稆]|\iota \pi\alpha\rho\epsilon\delta%u<[\epsilon
[. . . . . . \pi]\epsilon\rho\ell \tau\eta\nu [. .
[. . . . . . . .]\sigmaк\lambda.[. . . .
```

Fr． 3.
yous
$\epsilon \epsilon \sigma \iota\left[\quad\right.$ ？$\Theta_{\eta}$
$\beta \beta \alpha \omega \nu[$
$\omega$［

Fr． 2.
[. . .] $]$ oo [.
[. .] סакриб
$[K \alpha] \delta \mu о \nu$. [. .] . $\beta$. [. .
5 [то]боито какоข Sc[. .
[.] $] \kappa v \lambda \iota \sigma \epsilon[\nu] \Theta \eta \beta a[\iota s$
$\left.[\kappa] a \iota \delta \eta \Theta_{\eta} \beta_{[ } \alpha\right]$ ] $\epsilon \nu$ av [
$[\theta \rho]$ бтоьбוン аогкои
[. . .] §!!кov t apvas $\tau \in[$
ı [. . .]on oapous $\tau \in \lambda \epsilon$ [
[. . .]. $\epsilon \nu \mu[..] . \delta \rho \eta$. [
Fr. 4.
] $\cdot!\cdot[\cdot] \eta[$
] $\rho \mu \eta \nu \quad \tau \in[$
] $\delta \eta \mu_{0} \sigma[$
]Toupro[
5 ] $10 \nu[$
] $\delta \iota a[$

Fin．5－6．
Col．i．
Col．ii．

$$
\begin{aligned}
& \kappa \alpha \tau \alpha \quad \tau \eta \nu[ \\
& \eta s \in \beta \alpha \sigma[\lambda \epsilon \nu \epsilon \text { ? } \\
& \text { ov кац } \alpha[ \\
& \sigma \tau[ \\
& 5 \delta \ldots \ldots[\ldots] \cdot[
\end{aligned}
$$

|  |  | $\tau \epsilon \kappa \alpha \iota \quad \sum \pi \iota \theta \alpha[\rho a \delta \alpha \tau$. |
| :---: | :---: | :---: |
|  |  | Bapßapor ка[ |
|  |  |  |
|  |  | $[\tau] \eta \nu$ Tov $\sigma \omega \mu \mu[\alpha \tau 0 s$. |
|  | 10 |  |
| ]ol |  |  |
| ] |  | $\pi \lambda \eta \xi \iota \nu[\ldots . . . . . \pi \lambda \eta$ ! |
| ] |  | Oos il |
| $] \sigma$ |  | $\pi \alpha \rho \in![$ |
| I | ${ }^{5}$ | ov $\tau \epsilon[$ |
|  |  |  |
|  |  | үavas $\in X]$ |
|  |  | Maкe $\delta o \nu$ [ |

Fr. 7.
Fr. 8.

| $\frac{\alpha![ }{\theta \eta[ }$ | $]$$] \pi![$ <br> $\kappa \lambda[$ |
| :--- | :--- |
| $\nu \eta[$ | $] \mu o v \mu[$ |
|  | $] \cdot!\pi \alpha \rho \alpha \tau[$ |

;) T ou[
[.] $\epsilon[$
$\epsilon \pi \not \subset \in \in[\iota \pi \epsilon l \nu$ ?
rov $1 \pi[\pi o \nu$ ?

5 ] $\mathrm{l} \tau \tau \nu$ ov[
? $\mu 0, \lambda \alpha[$

Fr. 9.
Fr. 10.
$\epsilon \xi \in \lambda \iota \pi[\epsilon$
$\pi \rho \omega \tau 0[$
5 § avto[
[. . .] [ [

Fir. 13.
Col. i.
Col. ii.
$[.] \nu \tau \iota[$
$\chi^{0 \nu} \quad \mu[$
$\pi \epsilon \rho \Delta \delta[$
$[\cdot] \rho o \nu[$

Fr. 12.
FI. 12.
$] \alpha y_{\imath}^{-}$
.] $\mu \in \gamma \alpha[$
]ą кvar'
? $\alpha \lambda \eta] \theta \iota \nu 0 v[$
5

|  |
| :---: |
| ${ }_{\mu 0 \nu}$ |
| $\pi \eta$ |
|  |  |

!. [
$\pi \alpha \rho \theta \in[\nu$
$\eta$ єкa[
$\alpha \lambda \lambda o!$


Fr. 18.
]. [.]... [
] Пєроьк[
] $\mu \in t \kappa \rho[$

5
$] \lambda \lambda \alpha \quad \gamma \alpha[\rho$
]. $\alpha \lambda \epsilon[$
? ס]! $\kappa a!\omega$ [
] $\epsilon \pi \epsilon!\kappa[$
]aب!
10 ]rou кє! [
] $\alpha \rho \alpha \mu \in![$ ]о $\quad$ ¢ $\varphi$ a [
]. $\epsilon \delta_{\iota} \alpha[$
]. $\mu \in \nu \tau[$

Fr. 23.
]ope! [
]. ou • [
]. то $\gamma \in[$

- ]oon[

Fr. 19.
Fr. 20.
$[\delta \rho$

5

Fr. 21.
10 ] ${ }^{6} \epsilon \tau$
]ov. [ ]evã[
$] \in \hat{O} \in[\quad] \gamma \in \operatorname{cog}^{\circ}$
] $\eta \mu$ [
] $\lambda<\nu \pi[$

Fr. 24.
$] \in \ell \delta[$
] $\omega t \tau![$
I. o o $\varphi$ [

Fr. 25.
lyos i. [
] $\mu \in[$
. $80[$

Fr. 26.
]. . [
] $\tau \alpha \sigma[$
] $80 \%$ [



Fr. 44.

Col. i.
[? $\epsilon \pi \iota \chi \in L \rho] \eta \sigma \epsilon \iota \nu$ avtov $\phi \alpha \rho$ [ $\mu \alpha] \kappa \omega \iota \mu \epsilon \lambda \lambda$ ovtos $\delta$
 $[\nu l] \omega \nu$ ठıaфо $о$ os $\omega \nu \tau \omega \iota$
 $[A \lambda] \epsilon \xi \alpha \nu \delta \rho o \nu \quad \kappa \in \lambda \in \nu \omega \nu$ $\phi u \lambda \alpha \xi \alpha \sigma \theta a \iota$ тоитоv $\alpha$ коvє七 $\gamma \alpha \rho X_{\epsilon \iota \lambda \iota \alpha} \tau \alpha$ $\lambda \alpha \nu \tau \alpha$ - apetov autcol

Col, ii.
єiX€ tous Make $\delta o v a s$ $\epsilon \xi \eta \kappa 0 \nu \tau \alpha$ र $\alpha \rho \tau \omega \nu \quad \beta \alpha \rho$
$\beta \alpha \rho \omega \nu \quad \mu \nu \rho \iota \alpha \delta \in[s]$ Пбav oı $\delta \in \Pi_{\epsilon \rho \sigma \alpha \iota} \tau \omega \nu$ Ma.кє
5 Sovav катєфpovouv $A \lambda \epsilon \xi \alpha \nu \delta \rho o s \delta_{\epsilon} \pi \lambda \eta \sigma t$ ov op $\omega \nu$ т $\eta \nu$ крıбı $\epsilon \nu$ ay $\omega \nu\langle\langle\alpha \iota\rangle \nu \nu$ каı $\pi \rho o s$ $\epsilon_{\text {euxas }} \epsilon \tau \rho a \pi \eta$ $\Theta \in i \iota$

10 Sıסoval $\kappa \alpha \iota \tau \eta \nu$ $\alpha \delta \epsilon \lambda$
$\phi \eta \nu$ रuvacka $\epsilon \phi$ wt av Tov $\alpha \nu \epsilon \lambda \epsilon \iota A \lambda \epsilon \xi \alpha \nu$
$\delta \rho o s \quad \delta \epsilon \lambda \alpha \beta \omega \nu \tau \eta \nu \in$ $\pi \iota \sigma \tau 0 \lambda \eta \nu \kappa \alpha \iota$ ov $\delta \epsilon \nu \iota$ $15 \pi \rho о \sigma \pi о \iota \eta \sigma \alpha \mu[\epsilon] \nu 0 s$ $\pi \epsilon \iota[\epsilon \iota$ ．．．．．．．．．］． т！$\alpha[$

Col．iii．

入oוтоу $\tau \omega \nu \beta \alpha \rho \beta \alpha \rho \omega \nu$ $\pi \lambda \eta \theta$ os $\mu \epsilon \theta$ ous or $\xi \in \nu 0$, ol $\delta \epsilon \pi \epsilon \rho \iota$ тov $A \lambda \epsilon \xi \alpha \nu$
5 Spov $\iota \pi \pi \epsilon \iota \mathcal{S} \mu \in \nu \iota \pi \pi \epsilon \nu$
 $\epsilon \pi \eta \kappa 0 \lambda o u \theta_{o u \nu} \kappa \alpha \iota$ то $\pi \epsilon \delta \iota o \nu \pi \lambda \eta \rho \epsilon S \quad \eta \nu \nu \epsilon$ $\kappa \rho \omega \nu$ то入v $\delta \epsilon \mu \epsilon \rho o s$
10 $\tau \omega \nu$ М ${ }^{2} \epsilon \delta о \nu \omega \nu \epsilon \pi \iota$ $\tau \alpha s ~ \sigma \kappa \eta \nu \alpha s ~ \tau \omega \nu \quad \beta \alpha \rho \beta a$ $[\rho] \omega \nu \omega \rho \mu \eta \sigma \epsilon \nu$ єוs $\delta \iota$ ［a］p $\pi \alpha \gamma \eta \nu \tau \omega \nu \in \nu$ autais ［ $\pi$ ］$\lambda \eta \rho \in \iota s$ ס $\eta \sigma \alpha \nu$ токкь
15 ［ $\lambda$ ］$\eta \mathrm{s}$ ra§ $\eta \mathrm{s}$ A $A \epsilon \xi \alpha \nu \delta \rho o s$
［ $\delta] \epsilon \pi \iota \theta \nu \mu \omega \nu \lambda \alpha \beta \epsilon \iota \nu$
$[\Delta \alpha \rho] \epsilon \iota O \nu \epsilon \delta \iota \omega \kappa \epsilon \nu \mu \epsilon$ ［ $\tau \alpha \delta \rho]$ оبоои $\pi \nu \theta о \mu \epsilon$ ［ $\operatorname{\nu os} \delta \in \eta \delta \eta$ a］utov a［．］．［ ］

каı Побєเ $\delta \omega \nu \alpha$ єтıка $\lambda o v \mu \epsilon \nu 0 s$ $\omega l$ каl $\tau \in \tau \rho \omega$ pov $\alpha \rho \mu \alpha$ єкє入єบбє $\nu$ єis to $\pi \epsilon \lambda a \gamma o s$ ava［ya
${ }_{15}$ रovtas $\rho \epsilon \iota \psi \alpha \iota \in \sigma \phi[\alpha \gamma \iota \alpha$ Ṣєто $\delta \epsilon$ каı עuкть к［．． $\epsilon \chi$ Хข $\downarrow \iota \quad v \pi \alpha \theta \epsilon \rho \alpha \pi[\epsilon] v$ $\sigma \iota a s \quad \tau \eta \iota \in \xi \eta S \pi \rho o \sigma[\eta]$ $\nu \epsilon \gamma \kappa \epsilon \pi \iota S \tau \omega \nu \quad v \pi \alpha \sigma \pi[\iota]$ $\sigma \tau \omega \nu \quad \lambda \alpha \beta \omega \nu \pi \alpha \rho \alpha[\beta o v]$
5 ко入ov apтov трифоs［ 0 ］
$\delta \epsilon \delta \iota \alpha \tau \eta \nu \quad \epsilon \nu \delta[\epsilon \iota \alpha] \nu$ $\phi \alpha y \omega \nu \quad \alpha \sigma \mu \epsilon \nu \omega s \pi \alpha \nu$ ． $\tau \epsilon s \quad \alpha \rho \alpha \quad \epsilon I \pi \epsilon \nu \quad \alpha \nu \theta \rho \omega$ $\pi о t$ S $\omega \sigma t \nu \quad \eta \delta \epsilon \omega s$ a 10 $\overline{\pi \epsilon} \theta \alpha \nu 0 \nu \delta \epsilon \tau \omega \nu \quad \mu \epsilon \nu$ Макє $\delta o \nu \omega \nu \pi \epsilon$ §о
 кобtol $\tau \omega \nu$ ס $\epsilon \beta \alpha \rho \beta \alpha$ $\rho \omega \nu \pi \epsilon \zeta 0 l \mu \in \nu$ ouk $\epsilon$
${ }_{15}$ 入atтous $\pi \epsilon \nu \tau \epsilon \mu v \rho \iota \alpha$ $\delta \omega \nu \iota \pi \pi \epsilon \iota S \delta_{\epsilon} \tau \rho \iota \sigma \chi^{\iota}$ $\lambda \iota o[\iota \tau \omega \nu \delta \epsilon \xi] \epsilon\rfloor \omega \nu \pi \epsilon$ ［ $\rho \iota$ ．．．．．．．．．．］$] \cdot \eta$

Col．v．

| $\lambda \alpha[$ | $15 \rho \alpha \cdot \kappa \alpha![$ |  |
| :--- | :---: | :---: |
| $\omega \cdot[$ | $? A \lambda \epsilon \xi \alpha \nu$ | $\frac{\kappa \alpha c[\cdot]}{\epsilon \pi \rho[ }[$ |



Fr. 45 .
[. . . . . . . .] ${ }^{[ }$[.
[. . . . . . . .] $\alpha \sigma \kappa[$.
$\lambda v \sigma \alpha s$ a $\pi \alpha \nu \tau \alpha s ~ \alpha[\ldots \epsilon$
$\beta \alpha \iota \nu \in \nu \in \pi \iota \quad \Delta \alpha \rho \in[\iota \nu$
5 Sıaßas тоע Evфp[aтך
$\kappa \alpha \iota \quad \mu \alpha \chi \eta \nu \quad \alpha \nu \tau \omega[\iota \sigma \nu \nu$
$\alpha \pi \tau \epsilon \iota \delta_{\epsilon} \tau \tau \epsilon \rho \alpha \nu[\ldots$
[. . . . .] • . $[$. . $] \theta a \cdot[$. . .

Fr. 47.


Fr. 48.

$$
\begin{aligned}
& \text {. } \mu \eta \theta \eta \quad \tau \iota \pi \\
& \text { ] } \sigma \alpha \nu[\kappa] \alpha \tau \alpha \cdot \rho[ \\
& \tau] o \sigma \omega \mu \alpha \text { [ } \\
& \text { ] } \nu \alpha \lambda \lambda \alpha \tau[ \\
& ] \theta_{\epsilon \nu} \quad \alpha \lambda \text { [ } \\
& \text { ] } \beta \alpha \lambda \omega \text {. [ } \\
& ] \alpha z \pi v \theta 0[\mu \in \nu \\
& \text { ]ur } \omega \nu \text { [ } \\
& \text { ]s or! [ }
\end{aligned}
$$

Fr. 46.
] $0 \nu[$ $\operatorname{\sigma o\sigma } \mu$ [ ]ขтот[ jv $\boldsymbol{\text { jo! }}[$
5 ]. . 7 [
]. $\kappa v[$
] $\in \sigma \alpha[$
$\lambda \epsilon \pi$. [
? $\rho 0 \sigma \tau[$
10 ]. $\underset{\sim}{[ }$


| Fr. 50. | Fr. ${ }^{1}$ 1. | Fr. ${ }^{2}$. | Fr. 53. | Fr. 54. |
| :---: | :---: | :---: | :---: | :---: |
| . . . | . . . | - |  | - $\cdot$ |
| ]. $\cdot 1$ | ] va [ | ] $\dagger$ [ | $] \mu \epsilon$ | $] \epsilon \iota 0[$ |
|  | ]oin[ | ] oo [ | ]. $\alpha v$ | ] $\pi$ To[ |
| ] $\pi \alpha \lambda \iota \nu \in[$ | T] $]$ [ | ] [ | jos |  |

[^4] tumulum patris occidi iussit.
x sqq. The length of the lacunae is estimated on the basis of $11.8-10$, which can be restored with probability. In ll. 1-4 тovs $\mu[\epsilon] \nu \mid[\epsilon \nu \tau \omega t \quad \theta]\} a \tau[\rho] \omega t ~ к a \mid[\theta \eta \mu \epsilon \nu]$ ous $a \pi \epsilon[\lambda v[[\sigma \epsilon$ rovs (or roos) $\delta$ ] may be suggested.
5. ] $\omega v$ : ] $\omega \nu$ is not possible, and ]av is unlikely. The doubtful $\mu$ may be $\lambda$.
6. Both this line and 1. 9 look as if they were complete at the end, but there is not margin enough to be certain. If 1.6 ended with -ke, it was rather shorter than its neighbours.
7. The spelling àmorvanaiłw seems to be novel ; rúravov is a poetic form.

Fr. 2. This fragment, like the preceding, has lost both margins, but the point of division of the lines is fixed by 11. $7-8$, where the restoration is certain, and on that basis the other lacunae have been estimated. Most of the fragment, if not all of it , is occupied by a quotation in hexameters referring to Thebes, brought in no doubt in connexion with Alexander's destruction of the city. Owing to the aorist in l. 6 it is not likely to be oracular ; кv入ı $\sigma \in[$ [ $]$ would not fill the lacuna.
3. The vestige after $\sigma$ is indecisive ; tor $\epsilon$ would be suitable, but other vowels are not excluded.
4. $\beta$ is preceded by a vertical stroke consistent with $\eta, \iota, \nu$, and is followed by the base of another short vertical stroke ; $\Theta$ ] $\eta \beta \eta[$ would be quite suitable.
 какótทта.
9. The first letter is more probably $\delta$ than $\beta$. T apvas is recommended by the apparent repetition of $\tau \epsilon$, but whether appas or Apvas should be written is not clear; cf. Homer B 507 (Tápuq̀ ap. Strabo 413).
10. No compound -oнotpos (e. g. кvסooнóapos) is known.
11. The first letter was $\eta, \iota$, or $\nu$, and $\delta \rho \eta$ was preceded by one of the same three letters.

Fr. 3. 3. If $\beta a t \omega \nu$ is right, $\Theta \eta \mid \beta a \omega \nu$ is the natural restoration, but $\theta a t \omega \nu$ is possible. This fragment differs in appearance from Fr. 2, but is very similar to Fr. 4.

Frs. 5-6. These fragments were combined after the text was in type, and the numeration was therefore retained.

 Arrian i. I5, 16 and Plutarch, Alex. 16.
9. $\mu$ [ is represented by a very slight vestige which, however, well suits that letter.
17. $\psi=2,300$; cf. 852.25 n . For other instances of stichometry in prose papyri cf. e. g. 1364. 188, P. Grenf. II. i i. ii. 4.

Fr. 7. 3. rov $\iota \pi[\pi / \nu$ : perhaps a reference to Bucephalas, but the fragment is too small to be understood.

Fr. 10. 6. If the reading is correct, $\epsilon$ has been amended to ets, but es is by no means clear, nor is it certain that the 1 is by another hand.

Fr. 12. 4. $a \lambda \eta] \theta_{\iota \nu}{ }^{2} v$ is suggested by $\kappa v a v\left[\right.$ in the preceding line, but $\left.\lambda_{l}\right] \theta_{\nu \nu o v}$ would also be suitable.

Fr. 17. 4. Some case of $\epsilon \lambda a r \iota \mid \nu o s$ presumably.
Fr. 18. There was a junction between two selides near the right-hand edge of this strip, the surface of which is worn, as also is that of Frs. 19, 20, and 22.
6. A $\lambda \in[\xi a \nu \delta \rho$. . is one of many possibilities.

Fr. 21. Like Fr. 18, this piece shows a junction between selides along the right-hand edge, but the appearance of the two fragments is otherwise not very similar.

Fr. 22. 3. This was apparently the last line of a column.
Fr. 24. 3. Perhaps $0 \lambda v[\mu \pi เ a \delta a$, either as the mother of Alexander or a date.
Fr. 25. I. $a$ or a round letter like $\epsilon$ or $\sigma$ is probable after $i$.
Fr. 36. 1. $\pi]_{a v \sigma a: ~ o r ~ p o s s i b l y ~ \Pi] a v \sigma a \mid \nu u s ; ~ c f . ~ n . ~ o n ~ F r . ~}^{\text {I. }}$
Fr. 44. i. 1-16. '(Philip was induced ?) to try a medicine. When he was about to give it, Parmenion, who had a quarrel with Philip, wrote to Alexander bidding him beware of Philip to whom he heard Darius was offering a thousand talents and his own sister in marriage as the price of the king's destruction. Alexander received the letter, and suppressing it drank the medicine . . .'

I sqq. Cf. Plutarch, Alex. 19, Arrian ii. 4. I2, Curtius iii. 6, Justin xi. 8 ; Diodorus xvii. $3^{1}$ is more concise and does not mention the letter of Parmenion. For $[\epsilon \pi \iota \chi \epsilon \iota p] \eta \sigma \epsilon \iota \nu \mathrm{cf}$.

 $\epsilon \pi \eta \gamma \gamma \epsilon \iota \lambda a r o$ $\theta \epsilon \rho a \pi \epsilon v \sigma a \iota \epsilon \pi \iota \chi \epsilon \iota \rho] \eta \sigma \epsilon \iota \nu$, or $] \eta \sigma \epsilon \iota \nu$ may be differently restored, e. g. $\omega \phi \epsilon \lambda] \eta \sigma \epsilon \iota \nu$.
4. $\delta \iota a \phi$ opos $\omega \nu$ : this detail is not given by the other authorities.
7. $\phi v \lambda a \xi a \sigma \theta a \iota$ is the word used also by Plutarch and Arrian, ll. cc.

8-10. रєi入ıa талаvтa . . . кає т $\eta \nu$ a $\delta \epsilon \lambda \phi \eta \nu$ : so Curt. mille talentis . . . et spe nuptiarum sororis eizus. Plutarch says $\delta \omega \rho \epsilon a i ̄ s ~ \mu \epsilon \gamma a ́ \lambda a \iota s ~ к а i ~ y a ́ \mu \varphi ~ \theta u \gamma a t \rho o ́ s, ~ A r r i a n ~ \chi \rho \eta ́ \mu а \sigma \iota \nu ~ o n l y . ~$
12. The form $\bar{\lambda} \bar{\omega}$ occurs in Aristoph. Eq. 290 ( $\pi \epsilon \rho \epsilon \epsilon \lambda \hat{\omega}$ ), but otherwise belongs to a much later period, e.g. D. Hal. xi. 18.

14-15. ov $\delta \epsilon \nu$ seems to be an error for ov $\delta \epsilon \nu$, the meaning being similar to e.g. that in
 the sense of koוvตขciv does not occur.
ii. 1-16. '. . . The Macedonians were seized by dismay, for there were 600,000 of the barbarians, while the Persians held the Macedonians in contempt. When he saw that the decision was imminent Alexander was in a torment of suspense and had recourse
to prayer, calling on Thetis and the Nereids and Nereus and Poseidon, for the last of whom he ordered that a four-horse chariot should be brought and cast into the sea; and he offered sacrifices by night. ..'

1. $\epsilon \chi_{\chi}$ : sc. фóßos or some synonym. For the confidence of the Persians cf. Arrian

 $\pi 0 \lambda \epsilon \mu \iota o$. Diodor. xvii. $3^{2}$ describes the effect of the disparity in numbers on the local
 кататє $\pi \lambda \eta \gamma \mu \epsilon$ vol. Panic is not, however, attributed to the Macedonians in other Greek sources; as Kaerst remarks (Gesch. des Hellenismus, p. $364^{2}$ ), it cannot be inferred from Arrian ii. 7. $5 \pi a \rho \epsilon \kappa a \lambda \epsilon \hat{\imath}$ Өappeiv, though it may be hinted at by Diodor. xvii. 33 . I т $\hat{\omega} \nu$ ס̀̀
 periculosius differre bellum ratus, ne desperatio suis cresceret.
 puts the Persian infantry at over 400,000 , the cavalry at 100,000 at least, and Justin gives similar figures at this point (xi. 9. x), though he had shortly before ( 6.11 ) stated the number of the Persian army as 600,000 .

4-5. See n. on l. I above.
6 sqq. Cf. Curt. iii. 8. 20 Ceternm, ut solet fieri cum ultimi discriminis tempus adventat, in sollicitudinem versa fiducia est. Illam ipsam fortunam, qua adspirante res tam prospere gesserat, verebahor . . . ipse in iugum editi montis escendit multisque conlucentibus facibus patrio more sacrificium dis praesidibus loci fecit. Kaerst, l.c., pronounces the statement of Curtius to be worthless, and that of Diodor. xvii. 33. I that Alexander regarded the approach of the enemy as a heaven-sent opportunity to be 'an sich angemessener'; cf. Plutarch, Alex. 20. But the one does not necessarily exclude the other, and some anxiety on the eve of this critical battle would be only natural. Justin goes further in speaking of actual fear (metum xi. 9. 3), which is not involved in sollicitudo nor a $\gamma \omega \nu i a$, the latter being attributed to Alexander on several occasions by Diodorus ; cf. xvii. 31. 4, 56.3, in 6.4 (we owe these references to Mr. W. W. Tarn).
 $\ldots a \bar{a} \mu \nu \mathrm{va}$. . The choice of deities on the present occasion is somewhat surprising, even when allowance is made for the proximity of the sea (cf. Curt. l.c. dis praesidibus loci) and the legendary descent of Alexander from Thetis and Nereus. As Mr. Tarn observes, this story looks like an adaptation from another occasion when the invocation of marine gods is recorded in a more appropriate setting; cf. Nearchus ap. Arrian, Ind. 18. in, where when starting down the Hydaspes Alexander sacrifices to Poseidon, Amphitrite, the Nereids, \&c. (this no doubt is a genuine instance), and Anab. i. Ir. Io, where he is said to have made libations to Poseidon and the Nereids when crossing the Hellespont.
15. $\epsilon \sigma \phi[a y t a] \zeta \epsilon \tau о$ бє кає $\nu \cup \kappa \tau \iota:$ cf. the passage of Curtius cited in the n. on 11.6 sqq. Sacrifice is repeatedly mentioned by the historians of Alexander, and according to Arrian vii. 25.2 it was his daily habit.
iii. r-19. '... (first) the Persians took to flight, then the rest of the barbarian host and after them the mercenaries. The cavalry were pursued by Alexander's cavalry and the infantry by his infantry, and the plain was filled with corpses. A large number of the Macedonians fell on the barbarian camp, which was full of treasure of all kinds, in order to plunder the contents. But Alexander desiring to capture Darius pursued him at full speed; when he learned, however, that he . . '

1-3. l. e. g. єis $\phi \cup \not \eta \eta \nu \omega \mu \eta] \sigma a \nu$, which happens to be the phrase of Diodorus at this
point (xvii. 34. 7). The statement here is in substantial agreement with the account of Arrian ii. ro-ir, who says that Darius fled as soon as he saw his left wing giving way, but that the Greek mercenaries in the centre stood their ground and fought well until attacked on their exposed left flank.

7-8. Cf. Diodor. xvii. 34. 9 тâs ó $\sigma v \nu \epsilon \chi \grave{\eta}$ тó $\pi=s ~ \nu \epsilon \kappa \rho \bar{\omega} \nu \dot{\epsilon} \pi \lambda \eta \rho \dot{\theta} \theta \eta$, but this was a conventional phrase which reappears e.g. xvii. 6I, 2.




18. $\delta \rho$ lopov: the vestiges do not suggest $o$, but are not inconsistent with the irregular formation of that letter as sometimes found in this text. $\mu \epsilon \mid \chi \rho \iota$.$] . \lambda \lambda o v$ could be read.

18-19. According to Diodor. xvii. 35. I, Arrian ii. II. 8, Curtius iii. 12. I the pursuit was cut short by nightfall. Apparently another or a further reason was here stated, e. g. that Darius was beyond reach; cf. Curtius, l.c., postquam et nox adpetebat et consequendi spes non erat. At the end of 1.19 the broken letter might be $\epsilon, \sigma, \rho, \sigma$, and this may well have ended the line.
iv. r-i7. 'On the next day when he was suffering from want of attention one of the Guards brought hin a piece of bread which he had taken from a herdsman. In his hunger he ate it readily, remarking "Every one likes to live". There were killed of the Macedonians 1,000 infantry and 200 cavalry, and of the barbarians not less than 50,000 infantry and 3,000 cavalry, and about . . . of the mercenaries.'
r-9. This somewhat insignificant anecdote has not been traced in other authorities. $\beta a p \epsilon \omega$ s is to be supplied before єхоуть.
5. $\tau \rho v \phi o s:$ the straightness of base in the final letter suggests $\nu$ rather than $s$, but the masculine form is unknown.

9 sqq. The numbers of the slain in this battle as reported by other authorities are: Diodor. xvii. 36.6, Persians: infantry, 100,000 ; cavalry, 10,000. Macedonians : infantry, 300 ; cavalry, 150 . Arrian ii. in. ir, Persians: as Diodor. Plutarch, Alex. 20, Persians : 110,000. Curtius ii. 1r. 27, Persians: as Diodor. Macedonians: infantry, 32 (?); cavalry, 150. Justin xi. 9. 10, Persians : infantry, 61,000 ; cavalry; 10,000. Macedonians: infantry, 130 ; cavalry, 150 . Compared with these estimates, our author largely reduces the Persian and increases the Macedonian loss, and he also stands alone, if the restoration in $\mathrm{l}^{2} \mathrm{I}_{7}$ is right, in giving a separate figure for the mercenaries in the Persian service. Of these 30,000 took part in the battle (Callisthenes, $a p$. Polyb. xii. 18. 2, Arrian ii. 8. 9), and 8,000 are said to have escaped with Amyntas (Arrian ii. 13. 2; 4,000 according to Diodor. xvii. 48. 2), 8,000 to have been subsequently got together by Agis (Diodor. xvii. 48. 1), and a few others to have been included in the 4,000 fugitives collected by Darius (Arrian ii. 13. 1). The number slain can hardly have exceeded a few thousand. At the end of 1. $\left.18 \epsilon \xi \eta\right|_{\text {kovea }}$ is not impossible, though not very satisfactory.
$\nabla$. The remains of this column are insufficient to afford a clear clue to its subject. In 1. ig $\epsilon \nu \mathrm{I}[\sigma \sigma \omega$ seems not unlikely.

Fr. 45. Cf. Arrian iii. 7. I-6, where the crossing of the Euphrates is described in more detail. According to Curtius iv. 9. 12 the march from Phoenicia had occupied eleven days. On the verso of this fragment are words beginning with $\lambda$ (1802. 2).
3. Perhaps $a[\nu \omega$.

Fr. 46. Since the verso of this fragment contains words beginning with $\kappa$ (1802. 1) it came later in the roll than Fr. 45.

Frs. 47-54 $=$ 1802. 4-I r. The character of the writing on the verso suggests that Fr. 50 came from the neighbourhood of Fr. 48, and Fr. 53 from that of Fr. 49.

Fr. 49. 5. o of $\tau$ o has apparently been converted from $\epsilon$.
Fr. 54. That this small piece belongs to 1798 is hardly certain.
1799. Oratorical Fragment.

$$
9.9 \times 9 \mathrm{~cm} . \quad \text { Second century }
$$

This fragment, containing remains of two columns of an unidentified speech, is written in a small sloping hand which is on the border line between literary and cursive, some of the forms, e.g. the ligature of $\epsilon i$, being of a thoroughly cursive character; the MS. may fall within the second century. $v$ at the end of a line is once written as a stroke above the preceding vowel. No stops or other signs occur.

Of the first column only a few letters from the ends of the lines remain, but the second includes a continuous passage of 25 nearly complete lines in which apparently the policy of Demosthenes is vindicated. The declaration that disaster would have been avoided by a thorough acceptance of that policy points to a period subsequent to the battle of Chaeronea, but the occasion of the speech is not made clear. There seems to be a defect in the text in ll. 20-I, besides minor errors.


Col. ii.


$9-10 . \times[a \theta$ eкa］grov is very uncertain，but seems to suit the construction．$y[$ might be e．g．v［ onv $^{2}$ ．

11．Not $\eta \tau[\omega \nu$ nor，apparently，$\eta \wedge[a t$ ．
20－1．A blank space sufficient for four or five letters has been left at the end of 1.20 ， and the sentence is apparently incomplete．If ovr［0］ot ov yap is right，the apodosis may be completed in some such way as suggested in the text；but there is barely room for the second $o$ of ov $[0] \sigma x$ ，which，however，is sometimes written very small in this hand．At the end of $1.21 \phi_{i}$ is not satisfactory，since more of the vertical stroke of $\phi$ would be expected to be visible，though the surface of the papyrus is damaged here；moreover，$\lambda_{t}$ can barely
 contrary to rule）．But exelvov in 11． 24 and 27 clearly point to a mention of the Macedonian king earlier in the context．With regard to the word after rap，the ink in the first letter has run somewhat and the reading is doubtful；$\eta \eta$［ is perhaps more suitable than $v \mu$［ but neither is convincing．

27．$\eta$ at the end of the line has been corrected from ov，whether by the original or a subsequent hand is difficult to say．

## 1800. Miscellaneous Biographies.

Fr. $3 \quad 27.1 \times 15.4 \mathrm{~cm}$. Late second or early third century.

The handwriting of the following fragments, from a roll containing various biographies, is a fine specimen of the common oval type, and may be referred to the latter part of the second century more probably perhaps than the beginning of the third. The columns as usual are inclined slightly to the right. One apparent instance of a high stop, probably a later insertion, occurs in Fr. I. 40. Short lines are filled up by means of the angular sign commonly used for that purpose. Whether the few small corrections are by the original or a later hand is doubtful. A small coronis marks the conclusion of sections. The titles prefixed to the biographies are sometimes enclosed by the short slightly curved strokes often employed in the colophons of literary papyri.

As at present reconstituted the papyrus consists of 30 fragments, of which a few are fairly substantial, but their relative position, except in a few instances, is uncertain. If, as is possible, the top of Fr. 3. i is concerned with Thucydides (cf. note ad loc.), that fragment must have followed Fr. 2, and there is no doubt about the order of Frs. 4-7; but otherwise the arrangement adopted is often more or less arbitrary. The biographies which can be identified are of Sappho (Fr. 1. i, ii), Simonides (Fr. I. ii), Aesop (Fr. 2. i, ii), Thucydides (Fr. 2. ii, Fr. 3. i ?), Demosthenes (Fr. 3. i, ii), Aeschines (Fr. 3. ii), Thrasybulus (Frs. 4-7), Hyperides (Fr. 8. ii), Leucocomas (Fr. 8. ii), and Abderus (Fr. II). This is a strange medley, and no intelligible principle seems to have guided the compiler either in the choice of his characters or their grouping. They are mainly literary, but the soldierpolitician Thrasybulus does not come under that category, and Lcucocomas and Abderus are entirely mythical. The inclusion of the former, whose name will not be familiar to many, is singular ; Abderus was at least the eponymous hero of a considerable town. As for the disposition of the Lives, like sometimes consorts with like: two lyric poets, both beginning with the same letter, figure in Fr. I, and in Fr. 3 Aeschines is appropriately placed next to Demosthenes. But a reason why Thucydides should have been sandwiched between Demosthenes and Aesop, or Leucocomas should rub shoulders with Hyperides, is not easy to imagine. Nor are the biographies themselves, so far as they go, of much moment. Concerning Sappho there is nothing new beyond a variant of her father's name, and the statement that Charaxus was her eldest brother. The aspersion on her character, mentioned also, among Greek authorities, by Suidas, reappears here at a much earlier date. Reference is made in this section to the Grammarian Chameleon, the only citation in 1800 of a definite authority;
elsewhere the compiler contents himself with the vague 'some say' or the like. A mutilated passage referring to Simonides' reputed innovation in the alphabet apparently has the negative merit of differing from the statement in Suidas (cf. A. Kirchoff, Gesch. des Griech. Alphabets, p. 1). Of the death of Aesop, who was a favourite subject for biography (fragments of three Lives of Aesop have already been found in papyri, of the 4th-7th centuries; cf. Collart, Rev. de Philol. xliii, pp. $3^{8}$ sqq.), there is a circumstantial account, including some new but not very valuable details. The Lives of Thucydides and of Hyperides are too fragmentary to be informative; of Demosthenes little that is fresh could be expected, and the only novelty is a blunder, on a par with the statement that Aeschines was the eldest of his father's sons, which Aeschines himself refutes. An anecdote, found also in Plutarch, about the generosity of Demosthenes to his defeated rival is given with greater elaboration in the account of the latter. One would gladly have had more of the section concerning Thrasybulus, which included some details not otherwise known, although errors like those just noticed do not give a good impression of the accuracy of the writer,-regarding whose identity we are entirely in the dark.

Fr. 1.

Col. i.

$\pi \epsilon \rho \iota \quad \Sigma \alpha \pi \phi]$ ous
[इ $\alpha \pi \phi \omega$ то $\mu \epsilon \nu \quad \gamma \in \nu \sigma s] \eta \nu \Lambda_{\epsilon}$ $[\sigma \beta \iota \alpha \pi 0 \lambda \epsilon \omega s$ $\delta \epsilon M \iota \tau] \nu \lambda \eta \nu \eta s$
$5\left[\pi \alpha \tau \rho o s ~ \delta \epsilon \Sigma_{\kappa \alpha \mu}\right] \alpha \nu \delta \rho o v \kappa \alpha$ $\left[\begin{array}{cc}\tau \alpha & \delta \in \operatorname{\tau } \tau \nu \alpha s \\ \Sigma \kappa \alpha] \mu \alpha \nu \delta \rho \omega \nu v\end{array}\right.$ [ $\mu$ ov a $\alpha \in \lambda \phi$ ous $\delta$ ] $\epsilon \sigma \chi \in \tau \rho \epsilon \iota S$ [Ep].[yvıov каı $\Lambda \alpha] \rho \iota \chi$ оу $\pi \rho \epsilon$ $\sigma \beta v[\tau \alpha \tau o \nu \quad \delta \epsilon X \alpha \rho] a \xi o \nu$ os $\pi \lambda \epsilon v$
10 $\sigma \alpha S \in[!s A \iota \gamma v \pi \tau o \nu] \Delta \omega \rho \iota X^{\alpha l} \tau \iota$ $\nu \ell \pi \rho \circ \sigma o[\mu \nu \lambda \eta \tau] \eta s \quad \kappa \alpha \tau \in \delta \alpha$ $\pi \alpha \nu \eta \sigma \epsilon \nu$ єוs $\tau \alpha \nu \tau \eta \nu \pi \lambda \epsilon \iota$ $\sigma \tau \alpha \tau o \nu \delta \in \Lambda a \rho \iota \chi o \nu\langle\nu \epsilon \circ \nu\rangle$ ov $\tau \alpha \mu \lambda$入ov $\eta \gamma \alpha \pi \eta \sigma \epsilon \nu \quad \theta v \gamma \alpha \tau \epsilon \rho a \delta \epsilon$
${ }_{5} 5 \sigma \chi \in K \lambda \epsilon \iota \nu$ о $\omega \omega \nu \nu \mu o \nu \tau \eta \iota \epsilon$ $\alpha \nu \tau \eta$ S $\mu \eta \tau \rho!\kappa[\alpha] \tau \eta \gamma \circ \rho \eta \tau \alpha \iota$

> Col. ii.
$\pi \epsilon \rho \iota \tau \quad$ I 3 letters $\quad \omega \sigma$ ?
$\pi \epsilon \rho$ X $\alpha \mu \alpha \iota \lambda \epsilon \omega[\nu . . . . .$.
30 тios $\epsilon \pi \lambda \alpha \nu \eta \theta[\eta$
$\alpha \pi$ avtov $\lambda \epsilon \gamma \epsilon![. . . A \iota\rangle \lambda \iota \delta \iota ?$
$\delta_{\iota} \alpha \epsilon \epsilon \tau \tau \iota \kappa \in \chi \rho[\eta \ldots, \gamma \epsilon$
$\gamma \rho a \phi \epsilon \nu \delta \epsilon \beta \nu \beta \lambda[\iota \alpha \in \nu \nu \in \alpha \mu \epsilon \nu$
$\lambda \nu \rho \iota \kappa \alpha \in \lambda \epsilon \gamma \epsilon \iota \omega[\nu$ $\delta \epsilon \kappa \alpha \iota \alpha \lambda \lambda \omega \nu$ ?
$35 \epsilon \nu$
$>-$

$$
\overline{\underline{T}} \in \rho t \quad \Sigma \iota \mu[\omega \nu t \delta o \underline{\bar{u}}
$$

$\Sigma \iota \mu \omega \nu \delta \delta \eta s$ то $\mu \in \nu$ [ $\gamma \in \nu 0 s{ }^{\prime} \eta \nu$
Kєıos $\pi 0 \lambda \epsilon \omega s$ $\delta \epsilon$ Ïov[ $\lambda \iota \delta o s$
$\pi a \tau \rho o s ~ \delta \epsilon \Lambda є о \pi \rho \in \pi \rho[u s \quad \gamma є \gamma o$
$40 \nu \epsilon \nu$ dє $\phi \iota \lambda \alpha \rho \gamma u \rho o s^{-} \tau[\nu \epsilon \in$
$\delta \alpha \nu \tau \omega l \tau \eta \nu \tau \omega \nu \mu \nu\lceil\eta \mu 0$
$\nu \iota \kappa \omega \nu \in \nu \rho \epsilon \sigma \iota \nu \pi \rho o \sigma[\tau \iota \theta \epsilon \alpha$
§ $v \pi \in \nu[l] \omega[\nu]$ ws ataktos ov

$[\rho \alpha \sigma] \tau \rho \iota \alpha \quad \tau \eta \nu \delta \epsilon \mu \circ \rho \phi \eta \nu$ 20 [ $\epsilon v] \kappa \alpha \tau \alpha ф \rho о \nu \eta \tau о s ~ \delta о к \epsilon \iota ~ \gamma \epsilon$
 $[\tau] \eta \nu \quad \mu \in \nu \quad \gamma \alpha \rho$ о廿 $\downarrow \nu$ фаь $\omega \delta \eta s$ [ $\cup] \pi \eta \rho \chi \epsilon \nu$ то $\delta \epsilon \mu \epsilon \gamma \epsilon \theta_{0}$, $\mu \epsilon \iota \kappa \rho \alpha \pi \alpha \nu \tau \epsilon \lambda \omega s$ то $\delta$ avто ${ }^{25}[\sigma \tau] \mu \beta \epsilon \beta \eta \kappa \epsilon \kappa \alpha \iota \pi \epsilon \rho \iota \tau 0 \nu$ [. . . . ] $\downarrow$ є $\lambda \alpha \tau \tau \omega$ [. .] $\gamma \in \gamma \circ \nu \alpha$ ${ }^{5} 5$ letters ] $\eta \boldsymbol{v}$
$\sigma \iota \cdot$ кац autos $\delta \epsilon \pi$ nov [тоито $\phi \alpha \iota \nu \in \iota \delta \iota \alpha \tau \omega \nu \in \pi \iota \hat{\gamma}[\rho \alpha \mu$
$45 \mu \alpha[\tau] \omega \nu \pi \rho o \sigma \in \cup \rho \in \in[\nu \quad \delta \epsilon \phi \alpha$ $\sigma!\nu[\alpha \nu]$ Tov $\tau \iota \nu \in S$ каı $\delta \cdot[.$. $\kappa \in[$. . .] $0 \sigma \tau \sigma \nu \tau \omega \nu \overline{\kappa \delta} \alpha \pi[.$.


Fr. 2.
Col. i.
Col. ii.
Col. iii.
30 [. . . .] $] \omega \nu \Delta \epsilon \lambda[\phi \omega \nu . .$.
[. . . . .] єขш $\boldsymbol{\nu} \mu$. [. . . . ].
$[\epsilon \sigma \tau]!\nu \delta$ alт८a $\tau o L \alpha[v \tau \eta]\{\iota\} \in \iota$
$\rho[\eta] \mu \epsilon \nu \eta\{\iota\} \in \pi \alpha \nu[\epsilon \epsilon \sigma \epsilon] \lambda \theta \eta \iota$
$] \nu[\quad \tau[\iota s] \tau \omega t \quad \theta \epsilon \omega \iota \quad \theta \nu \sigma \iota a \sigma[\omega \nu \quad$ o $]!. \Delta \epsilon \lambda$
]o $\nu[35 \phi[0] \iota \pi \epsilon p[l] \in \sigma \tau \eta \kappa \alpha \sigma \iota$ тоע $\beta \omega$
]. $\omega \nu \quad \mu[0] \nu \nu \phi$ єavtots $\mu a \chi \alpha \iota \rho a s$ ] $\nu$
]uєt
] $\rho \in \cup$
]upov
$] \mu \in \nu$
] $\alpha \nu$ o
$\epsilon]\lfloor\nu \alpha \iota$
$] \mu \omega \nu$ ]pitos
]. $\lambda \in \iota$
] $\omega \nu 0 \nu$
]us $\lambda \alpha \mu$
$\kappa[0] \mu \iota \xi_{0 \nu \tau \epsilon s} \sigma \phi \alpha \gamma \iota \alpha \sigma \alpha$


$40 \tau \alpha \sigma \pi \lambda \alpha \gamma \chi \nu \alpha \pi \epsilon \rho \iota \epsilon \xi \in \lambda$, $\mu \epsilon \nu O \nu$ ol $\pi \epsilon \rho \iota \epsilon \sigma \tau \omega \tau \epsilon s \in$ $\kappa \alpha \sigma \tau 0 s \quad \eta \nu$ а $\nu \iota \sigma \chi \nu \sigma \eta \iota$ $\mu о \iota \rho \alpha \nu$ aाотє $\mu \nu 0 \mu \in \nu 0 s$ $\alpha \pi \epsilon \iota \sigma \iota \nu$ as $\pi$ о $\lambda \lambda \alpha \kappa \iota s$ тov
45 Өvo兀 $\alpha \sigma \alpha \nu \tau \alpha$ аvтov $\alpha \mu 0 \iota$ $\rho[0] \nu \alpha \pi \iota\langle\epsilon\rangle \nu \alpha \iota$ тоито ouv $A_{\iota}$ $[\sigma] \omega \pi[0] s \quad \Delta \epsilon \lambda \phi o u s$ ov $\nu \delta[l]\} \omega \nu$ $\epsilon \pi \epsilon \sigma \kappa \omega \psi \in \nu \in \phi$ oıs ס८opyt

$\tau \eta s$ vooov ws $\eta \rho \omega t$ $\theta[v \sigma l a s$ $\pi \rho \rho[\sigma] \eta \nu \in \gamma \kappa \alpha \nu$

$\pi \epsilon \rho \iota$ Єоикuסı［ $\delta$ ou
$65^{\circ}$ Єovкvסı$\delta \eta s$ ．то $\mu \epsilon \nu \quad \gamma \epsilon[\nu 0 s$ $\eta \nu$ A $\theta \eta \nu a l o s \pi \alpha \iota\left[s\right.$ ס O］$\lambda_{0}$
pov $\delta \iota \alpha \beta a \lambda \lambda$ ovot $\delta \in \operatorname{tov} \pi \alpha$
$\tau \epsilon \rho \alpha$ avtov Өраıка oעта єıs $A \theta \eta \nu a s$ $\mu \epsilon \tau о \iota \kappa \iota \sigma \theta \eta$ $80 \theta$ ．
70 vat $\delta u v a \tau o s ~ \delta \epsilon ~ \epsilon \nu$ 入oyous a －
$\nu \eta \rho \gamma[\epsilon \nu] \alpha \mu \epsilon \nu 0 s$ a $\nu \epsilon \gamma \rho \alpha$ $\psi \in \nu \tau o[\nu] \gamma \in \nu \circ \mu \epsilon \nu \circ \nu \quad A \theta \eta$ valoıs［каl］Пєлото⿱亠䒑 ， ［ $\sigma$ ooss $\pi 0 \lambda \epsilon \mu 0 \nu$

Fr． 3.

Col．i．


Col．ii．
${ }_{2} 5$［ $\left.\gamma \epsilon\right] \nu \sigma \alpha \mu \in \nu 0$ S $\tau 0 v \phi[\alpha \rho \mu \alpha$ $[\kappa] 0 \nu \quad \sigma v \nu \tau 0 \mu \omega s \in \xi \in[\pi \nu \epsilon v$ $[\sigma \epsilon] \mu \epsilon \chi \rho t \quad \tau \epsilon \lambda[0] u s$ тo $\tau \eta s[\epsilon$
［．．．．．．．．．．．］．$v \pi[$ ．．．
5 ［．．．．．．］$] \sigma \underset{\sim}{\alpha} .[$.$] ．．．［．．．．$

 $\sigma \alpha \nu \delta \eta \mu \sigma \sigma \iota \alpha \in \nu A \ldots[.$. $\sigma \iota \tau \omega \nu \quad \delta \eta \mu \omega \nu$
${ }_{10}^{>} \pi \epsilon \rho \iota \Delta \eta \mu \sigma \sigma \theta \epsilon \nu[0] v[s]$ $\Delta \eta \mu \circ \sigma \theta \epsilon \nu \eta s$ о $\rho \eta \tau \omega \rho A \theta \eta$ $\nu$ alos $\mu \epsilon \nu \quad \eta \nu$ то $\gamma \in \nu$ оs $\pi \alpha \iota s \quad \delta \epsilon \Delta \eta \mu \circ \sigma \theta \epsilon \nu 0 v[s$ Пaı avtevs $\delta \epsilon \tau \omega \nu \delta \eta \mu \omega \nu$ 15 ко $\mu \iota \delta \eta$ бє $\nu \eta \pi \iota o s$ vто＞ тоv $\pi \alpha \tau \rho o s ~ a \pi \epsilon \lambda \epsilon!\phi \theta \eta v$ $\pi о$ єтוтрот［o८s］O $\nu \eta$ ทторь ка८ $A \phi \circ \beta \omega \iota \quad \gamma \epsilon \nu[0 \mu \epsilon \nu]$ os $\delta \epsilon \phi \quad \eta \lambda \iota k \iota \alpha s \in \pi \epsilon[\delta \epsilon][\{\xi] \underset{\circ}{ }[0]$ $20 \tau \eta \nu \epsilon \nu$ 入oyoıs $\delta \epsilon \iota \nu \circ \tau \eta \tau \alpha$ к $\rho \iota \nu \alpha[s$ тov］s $\epsilon \pi \iota \tau \rho o \pi[o u s$ $\omega \nu \in[\nu 0 \sigma \phi \iota \sigma] \alpha \nu \tau о \chi \rho \eta \mu \alpha$ $\tau \omega \nu[\alpha u \tau 0 v \epsilon] \iota s$ $\delta \epsilon \tau 0 \beta \eta$［ $\mu \alpha[\pi \alpha \rho \in \lambda \theta \omega \nu] \alpha \rho \iota \sigma \tau ; \alpha$
$[\lambda \epsilon] u \theta \epsilon \rho \iota \alpha s \quad[\alpha \xi]<\omega \mu \alpha \quad \delta[\iota \alpha$ $[\phi] v \lambda \alpha \xi \alpha s$ A $\theta[\eta] v a \iota o \iota \delta \epsilon \pi \alpha$［ $[\lambda \iota] \nu \tau \eta \nu \in \lambda \epsilon v \theta \epsilon \rho \iota \alpha \nu a$ $\nu \alpha к \tau \eta \sigma \alpha \mu \in \nu 0 \iota \in \tau \iota \mu \eta$ $\sigma \alpha \nu$ аvтоv єıкоva $\chi^{\alpha \lambda \kappa \eta[\nu}$ $\alpha \nu \alpha \sigma \tau \eta \sigma \alpha \nu \tau \epsilon s \in \nu K \epsilon \rho \alpha$［ $\mu \iota \kappa \omega \iota \epsilon \pi \iota \gamma \rho \alpha \mu \mu \alpha \quad \tau \epsilon[\epsilon \nu$ $\sigma \tau \eta \lambda \eta l$ є $\nu \in \kappa о \lambda \alpha \psi \alpha \nu \tau \sigma[l$ ov $\delta \epsilon \epsilon \iota \pi \epsilon \rho$ ї $\sigma \alpha \nu \quad \gamma \nu \omega \mu \alpha[\iota$ $\rho \omega \mu \alpha \nu \quad \Delta \eta \mu \sigma \sigma \theta \in \nu \in S \in \sigma \chi \in S$ оитот а $\boldsymbol{E} \lambda \lambda \eta \nu \omega \nu \eta \rho$＞ $\xi \in \nu \quad A \rho \eta s \quad М а к \epsilon \delta \omega \nu$ $>-\pi \epsilon \rho \iota$ AıбX८vov AıбXıข $\quad$ о $\rho \eta \tau \omega \rho$ то $\mu \epsilon \nu \quad \gamma \epsilon$ vos $\eta \nu[A \theta] \eta \nu \alpha l o s \pi \alpha / s \delta \epsilon$ Aтронптои каl $\mu \eta т \rho о s$
 $\tau \omega \nu \quad a \delta \in \lambda \phi \omega \nu$ Фi入oxapovs каь $\Lambda \alpha о \phi о[\beta]$ ои кат $\alpha \rho \chi \alpha s \delta^{\prime}$ єтрıтаушขıбтєl $\tau \rho \alpha \gamma \omega \iota \delta o \iota s$ üтокріขоцєขos єขфиךs $\delta \in \nu$ 入oyols $\gamma \in \nu 0 \mu \in \nu 0 s$
 $A \theta \eta \nu \alpha \iota \omega \nu \quad \beta \eta \mu \alpha$ $\delta \iota \epsilon \delta \epsilon$ $\xi \alpha \tau о$ үрафо $\epsilon \in \nu$ оs $\delta \in K_{\tau} \eta$ $\sigma \iota \phi \omega \nu \tau \alpha \pi \alpha \rho \alpha \nu о \mu \omega \nu$ оть $\mu \eta \delta \epsilon о \nu \tau \omega s \in \sigma \tau \epsilon \phi \alpha$
$55 \nu \omega \sigma \epsilon \Delta \eta \mu \sigma \sigma \theta \epsilon \nu \eta$ Х $\quad \nu$ $\sigma \omega!~ \sigma \tau \epsilon \phi \alpha \nu \omega t$ каเvols траүшidois ou $\mu \epsilon \tau \alpha \lambda \alpha$ $\beta \omega \nu \delta \epsilon$ то $\pi \epsilon \mu \pi \tau о \nu \quad \mu \epsilon$ pos $\tau \omega \nu \psi \eta \phi \omega \nu$ фuyas $60 \epsilon \xi \eta \epsilon \iota \tau \omega \nu A \theta \eta \nu^{\prime} \omega \nu$ $\Delta \eta \mu \sigma \sigma \theta \in \nu \eta s \quad \delta \epsilon$ ov $\mu \nu \eta$

|  | какทбаs $\epsilon \pi \iota$ tols $\gamma \in \gamma \epsilon$ |
| :---: | :---: |
| ［\＄oo］lov autol apyuplov |  |
| ［ $\tau \alpha \lambda] \alpha \nu \tau 0 \nu \pi \rho \circ \sigma \epsilon \pi \epsilon \mu \psi \in \nu$ |  |
|  |  |
|  |  |
| $[\delta \epsilon \tau] l \nu 0 s \in \pi \iota$ тlvı $\delta \alpha \kappa \rho 00 \iota$ |  |
| $7 \bigcirc[\epsilon \iota \pi] \leqslant$ ofl tolautjs $\pi 0 \lambda \epsilon \omega \omega$ |  |
|  |  |
| $[\epsilon \chi \theta \rho 0]!\sigma v \nu \pi \alpha \theta \in[\sigma] \tau \in \rho o l$ <br> $[\phi \iota \lambda \omega], \nu \in \nu \rho \iota \sigma \kappa[0 \nu \tau \alpha]!\quad \gamma \in \nu 0$ |  |
|  |  |
|  |  |
|  | Poס |

$$
\text { Frs. } 6+7
$$

Col. i.

Col．ii．
［．．．．．．$p a[$.$] ．．［．．］．［．．$
［．．．？$\sigma v]_{\nu}$ avt $\omega t$ aाо $\Phi v \lambda \eta s$ ［？катауо］иб८ тоv $\delta \eta \mu о \nu$ 由s ［ $\delta \epsilon \kappa \alpha \tau \epsilon]$ तe $\nu \eta \eta \sigma \alpha \nu$ o九 $\tau \rho \iota a$
5 ［коעта］єүра廿є $\psi \eta \phi \iota \sigma \mu \alpha$ ［ $\Theta_{\rho \alpha \sigma v \beta] o v \lambda o s ~}^{\mu \epsilon \tau \alpha \delta ı \delta o v s ~}$ ［avtols？］$\tau \eta s$ moditelas a $[\pi \rho o \beta o v] \lambda \epsilon \cup \tau 0 v$ dє $\tau о v \psi \eta$ ［ $\phi$ ८б $\mu a \tau 0 s] \quad \gamma \in \nu \alpha \mu \epsilon \nu 0 \nu$ ov 10［ $\kappa \in \tau v X \circ \nu$ ？$\tau] \eta \varsigma \tau \tau \mu \eta$ o $\delta \epsilon \pi \alpha \nu$ ［．．．．．．．．．．］．vas ayanך
 $[\sigma \tau] \eta \rho \iota 0[\iota s$ ．．］s кıvסvעєv a［ ［．．］．．．［．．．．．］$\omega s \delta \epsilon \kappa \omega \lambda \nu$
${ }_{15}[\theta \eta$ ？．．．．．．．．．］$\psi \eta \phi[\ldots$.

Fr. 8.

Col. i.


Fr. 9.
. . . . . . . $\lambda$ ]oyos $a \underline{[ }[.$.
[. . . . . . . . .] по入ıtevo[a [. . . . . . . .]eat kat ïठt[ $\omega$ $[\tau \omega \nu$ ov $] \delta \epsilon \nu \iota \quad \tau \eta S \quad \epsilon \lambda \epsilon v[\theta \epsilon$


Col. ii.

$$
20 \alpha \theta \epsilon \omega s \quad \text { [ }
$$

$$
\epsilon v \gamma \epsilon \nu \epsilon \iota a\left[\quad \epsilon \pi \epsilon \iota \quad \delta_{\epsilon}\right. \text { ? }
$$

$\eta$ A $\begin{aligned} & \eta \nu \alpha \imath[\omega \nu \text { } \sigma \tau \rho \alpha \tau \epsilon \iota a ? \pi \epsilon \rho \iota\end{aligned}$
Мautav т $\eta s$ [ $\Theta \in \sigma \sigma \alpha \lambda l a s$
$\sigma \nu \nu \eta \tau v \chi \eta \sigma[\epsilon \nu$ $\omega S$ $\sigma v \nu \epsilon \rho$
${ }_{25}$ yos $\tau \omega \iota \Delta \eta \mu 0[\sigma \theta \epsilon \nu \epsilon!\omega \nu$
ひ̈то $A \nu \tau \iota \pi \alpha \tau[\rho o v \in \nu$ тoוs
$\delta \epsilon \kappa \alpha$ рךторб८ $\left[\eta \tau \eta \theta_{\eta} \kappa \alpha \iota \pi \alpha \nu\right.$ ?
$\tau \omega \nu$ a $\tau v \chi \eta \sigma[a s$
avtos $\epsilon \nu$ Maк[ढסovial $\alpha$ 3० $\pi \omega \lambda \epsilon \tau \circ$ A $\theta \eta[\nu \alpha \circ \circ<\delta \epsilon \pi \alpha$ $[\lambda]!\nu \quad \tau \eta \nu \quad \epsilon \lambda \in v \theta[\epsilon \rho \iota \alpha \nu \alpha \nu \alpha \kappa o$
 $[\tau]$ ! $\nu \quad \alpha \nu \delta \rho \iota \alpha \sigma \iota \nu \in[\tau \iota \mu \eta \sigma \alpha \nu$ [ $\pi \in \rho \iota]$ $\Lambda_{\epsilon v к о к[о \mu \alpha}$
35 $\Lambda \in v \kappa[о к о \mu] a s ~ \tau о ~ \gamma \epsilon[\nu 0 s ~ \mu \epsilon \nu$ $\eta \nu K \rho \eta[s] \pi 0 \lambda \epsilon \omega\left[s \delta^{\prime} K \nu \omega\right.$ бov $\mu \iota \rho[\alpha \kappa \iota \sigma] k o s[\delta \epsilon \omega \nu \epsilon v$ $\pi \rho \in \pi \eta[s$

Fr. 10.
$] \epsilon \delta i \delta O v$
] $\alpha \nu 0 \nu \tau \eta s$ ]s $\theta \alpha \nu \omega \nu$
5 ]s $\pi \alpha \rho \alpha$ ]us $\boldsymbol{y}$. [.

Fr. II.

$$
\begin{aligned}
& \text { [.] } \nu \delta \overline{[ } \\
& \quad[\pi \epsilon \rho \iota A \beta \delta \eta \rho o v \\
& A] \beta \delta \eta \rho \rho o s \\
& \kappa \eta l \tilde{\tau}[ \\
& 5 \in \nu \ddot{I} \omega[\nu l \alpha \iota \\
& \kappa \alpha \mu \cdot[ \\
& \alpha \nu \alpha[ \\
& \tau \rho \in \phi[ \\
& \gamma \eta s \alpha[
\end{aligned}
$$

Fr. 12.
[. .].][
$\gamma \in \nu \in \sigma[\theta \alpha] \iota \quad \alpha \pi[$
$\epsilon^{\epsilon}{ }^{\gamma} \nu \tau \omega \nu \pi \rho \rho[$
ршт $\eta \sigma \iota \nu$ autos
$\psi \alpha \mu[\epsilon] \nu 0 ̣[$
$\pi \epsilon \nu[$.$] . [$
$\tau \omega \iota[.] \alpha \theta \epsilon \iota y[$
$\tau \rho \circ[\iota] s \times \rho \eta \sigma \alpha[$
$\mu \alpha \rho \tau \epsilon \nu \quad \sigma \in \sigma[$
$10[\gamma] \alpha \rho \quad \theta \epsilon \alpha \sigma \alpha \mu[\epsilon \nu$
[.] $\boldsymbol{\pi} \boldsymbol{\pi} \rho \beta \alpha \tau 0[$
$[\epsilon] \nu \xi \alpha \mu \epsilon \nu \rho[$
$[\chi] \theta \rho o \nu \quad \kappa \alpha \theta \eta_{L}$
$\pi \alpha \iota \mu \eta \quad \sigma \underset{.}{\lambda}[$
15 . vin [
$\omega \nu \epsilon[$
[.] $][$

Fr. 17.
[.] . . [
$\pi v \lambda[$

Fr. I3.
] $\sigma \in \nu!\alpha[$
]отато[
$\epsilon$

Fr. 15.
] $u \tau \omega[$
$\eta$
$] \pi \alpha[$
]Oov[
] $\boldsymbol{\gamma} \in \boldsymbol{\tau} \boldsymbol{T}$ [ ${ }^{1}$
5 ] $\alpha \rho \tau$. [
] $v \sigma \iota \alpha \sigma[$
$] \lambda \omega \nu[$
$] \nu \in \pi \epsilon[$
] $\kappa \omega \iota$ 〔

Fr. 18.
Fr. 20.

- [.]. .
$\sigma \alpha \nu \tau[$

Fr. 14.
] $\because \sigma!a[$
] $\rho \mu \in \nu[$
] $\eta \tau \eta!$.
]o $\delta \in \tau \eta \nu$ [ 5 ]. $\epsilon \sigma \omega \nu$ [
] $/ \tau[$

Fr. 16.
]. [
] $\omega \rho![$
]o $\mu \in \nu o$. [
] $\nu \cdot[$
$5] \delta \eta \mu[$
$] \nu \gamma \nu \omega[$
]. $\eta \sigma \alpha S$ ov[

Fr. 19.

- $\tau \tau \alpha \varphi$
$\omega \nu \kappa \alpha \iota \mu[$
$] \alpha \sigma[$
$] \gamma \in \nu 0[$

| $\gamma \epsilon \iota \sigma[$ | $\mu \alpha \tau[$ |
| :---: | :---: |
| $\epsilon \gamma \lambda[$ | $\tau \omega \nu \phi[$ |
| $\cdot$ |  |

Fr. 21.


Fr. 22.
]. [
]. $s \delta \iota \alpha \tau \omega \nu$
$\epsilon] \xi \nu \mu \nu \eta \sigma \epsilon[$ ] $\tau \iota \nu$ [
$\sigma] \nu \mu \phi o \rho a![$ ] $\sigma \in \iota$ vas $\delta \in[$


Fr. 23.
]. $\pi \alpha \rho a \delta \epsilon$
] $\alpha$ ка८ $\pi \circ \sigma \iota$
] $\sigma \iota \sigma[$. .]Tot.

Fr. 27. Fr. 28.

| $] \pi!\lambda[$ | $] \cdot[$ |
| :--- | :--- |
| $] \xi \alpha \mu[$ | $] \cdot \iota \varphi[$ |
| $] \rho \omega[$ | $] \epsilon \xi \alpha[$ |
| $] \pi \epsilon \rho[$ | $] \mu \alpha \tau[$ |

5 ] $\sigma \sigma v$
Fr. 26 Fr. 27.
5 ] $\nu$ [!
Fr. 25.
Fr. 24.

Fr. 29. Fr. $30 . \quad$ Fr. 3 1.

| $] \epsilon \epsilon \delta \alpha[$ | $] \kappa \alpha[$ | $] \pi \epsilon \epsilon \gamma \cdot[$ |
| :--- | :--- | :--- |
| $] \nu \lambda[$ | $] \cdot \nu$ | $] \alpha!\in \alpha u[\tau$ |

Fr. 1. 2-26. 'Concerning Sappho. Sappho was a Lesbian by birth, of the city of Mitylene, and daughter of Scamandrus, or, as some say, of Scamandronymus. Sine had three brothers, Erigyius, Larichus, and Charaxus, the eldest, who sailed to Egypt and associating with one Doricha expended large sums on her ; but Sappho preferred Larichus, who was younger. She had a daughter Cleïs, so named after her own mother. She has been accused by some of immorality and of being a lover of women. In appearance she seems to have been insignificant and ugly, being of dark complexion and of very small stature ; and the same happens to be true also of . . ., who was undersized . . .'
4. Mır]u入 $\eta \nu \eta \mathrm{s}:$ cf. Mdt. ii. I 35, who calls her brother Charaxus a Mitylenean, Strabo. xiii. 617, \&c. According to Suidas and others her birthplace was Eresus.

5-6. £xamavopov: this is known as a Lesbian name (cf. Dion. Hal. ix. 18, Lebas,

Inscr. Gr. 191) but is not attributed to Sappho's father elsewhere. Charaxus is called the son of Scamandronymus by Hdt. l. c., and this is one of the several alternatives in Suidas to Simon, which he considered correct.

- 8. $\left.{ }^{[ } \mathbf{E} \rho\right]\left[\gamma \gamma^{2}, o v:\right.$ in Suidas s.v. $\Sigma a \pi \phi \dot{\omega}$, where alone this brother is mentioned, the name is spelled Eúpúros, and [E]u[ $\rho$. could equally well be read here, but cf. Arrian iii. 6. 8 'Epizuos of Aapixov, Diod. xvii. 81, 83; moreover in Suidas, l.c., the name of Sappho's father was according to some authorities 'Hepizvos, which is no doubt a corruption of 'Epir.

Aa] $\rho \iota \chi^{o v}: ~ c f . ~ S u i d a s, ~ l . ~ c ., ~ A t h e n . ~ x . ~ 424 f . ~$
8-9. That Charaxus was the eldest is not elsewhere stated; Suidas puts the sons in the order Larichus, Charaxus, Erigyius.
10. Aıvuntov suits the space better than Nauкparıv (Strab. xvii. 808, Athen. 596 b).


II. $\pi \rho \sigma \sigma \sigma[\mu(\epsilon) \lambda \lambda \eta \sigma] a s$, which would be expected, cannot be read, the letter preceding $s$ having a vertical stroke consistent with $\eta$ or $\iota$, but neither $\pi \rho \rho \sigma \sigma[\mu \iota \lambda \eta \tau] \eta s$ nor $\pi \rho o s o[\mu \iota \lambda \iota a]_{\iota S}$ is satisfactory with the dative $\Delta \omega \rho t \chi a \iota$. Possibly a verb has dropped out, or $\pi \rho \circ \sigma o \mu i \lambda \eta \sigma \eta s$ may have been written in error.
13. An adjective is evidently missing; the loss of $\nu \epsilon \circ \nu$ would be easy between Aapıxov and ovza.
15. K $\lambda \epsilon \iota \nu$ : cf. Suid. l. c., who also gives $K \lambda$. as the name of Sappho's mother, Sapph. 85.
 aíбхрās фi入ias.

26. Perhaps $[\mathrm{A} \lambda \times a t o]$, which would give some point to the coincidence, but shortness of stature does not seem to be attributed to Alcaeus elsewhere.
 $\tau \epsilon$ stood in the lacuna.
27. $\eta$ is preceded by the top of a vertical stroke, which would suit 1 or $\nu$; $\lambda_{\iota}$ may be read in place of $\nu$ at the end of the line.

28-35. Probably Sappho is still the subject, for though the columns are long her biography would naturally occupy a considerable space and there would hardly have been room for another; moreover, the mention of Chamaeleon, whose treatise on Sappho is known from Athen. 599 c , suits the view that she is concerned here.

29-30. Perhaps $\Pi$ ov|rıos, since Chamaeleon was a native of Heraclea, but Пovтıós would rather be expected, as e. g. Athen. 273 с Xap. ó Поутıós. The doubtful $\theta$ in 1.30 may equally well be $\sigma$.

 that the non-lyrical poems were included in a single book. $\omega$ of $\epsilon \lambda \epsilon \epsilon \epsilon \omega[\nu$ is very doubtful, only a very small vestige remaining which would also suit $a$, but $\epsilon \lambda \epsilon \gamma \epsilon a[\kappa \circ \nu \delta \in$ would not fill the line, and the epigrams \&c. ought not to have been ignored.
11. 36-46. 'Concerning Simonides. Simonides was a' Ceian by birth, of the city of Iulis, and son of Leoprepes. He was an avaricious man. Some ascribe to him the invention of mnemonics; and he himself declares this in an epigram. Some say that he further invented. . .'
39. 1. $\Lambda \in \omega \pi \rho$.







 referred to.

45 sqq. From the number 24 in 1.47 it is evident that this passage describes an invention concerning the alphabet, which is also attributed to Simonides by Suidas, l.c.
 coincide and a suitable restoration remains to be found. At the beginning of 1.47 either
 and does not well accord with the rest of the line. The letter before $\sigma \tau$ is either o or $\omega$, and $\omega \pi[$ may be $a \gamma[$.
48. єv: or $\sigma «$; $\sigma v \sigma[\tau] \eta \sigma a s$ is possible.

Fr. 2. 1-29. That the remains of these lines relate, like ll. 30 sqq., to Aesop is uncertain, but is suggested by l. $18 \mu v[\theta \ldots(?)$; алокрı $] \mu a \tau \omega \nu$ has been restored in 1.21 on this hypothesis.

3I. $\epsilon v \omega \nu \nu \mu$. . is apparently meant, in spite of the unusual diaeresis; the letter after $\mu$ may be either o or $\omega$, and the vestige at the end of the line is consistent with 1 or $\nu$.
$3^{2-63}$. 'The cause is said to be this: whenever a man comes to offer sacrifice to the god the Delphians bringing their knives with them stand round the altar, and when the priest has slaughtered and flayed the victim and taken the inwards each of the bystanders cuts off whatever portion he can and goes away with it, so that the man who offers the sacrifice often goes off with nothing at all. Aesop taunted and mocked at the Delphians for this, which enraged the populace and they pelted him with stones and threw him over a cliff. Not long after a plague fell upon the city, and when they consulted the oracle the god told them that the pestilence would not cease until they propitiated Aesop. So they inclosed the place where he fell and set up an altar, and brought sacrifices to him as if he were a hero to avert the pestilence.'

 $\delta \iota a \zeta \hat{\eta} \nu$.

$4^{8-9}$. According to Aristoph. Vesp. 1446-7 Aesop was accused of having stolen a cup, which the Schol. adds they concealed among his belongings, a story also found in Heraclid. Pont. Respub. Magn. 2. Plutarch in De sera numinis vind. 556 has a different version which represents Aesop as coming to Delphi with offerings from Croesus and brings in Iadmon, as in Hdt. ii. 134.
51. крпи ${ }^{2}$
56. Whether the interlinear insertion here and in 1.71 is by a different hand is uncertain.

64-74. 'Concerning Thucydides. Thucydides was by birth an Athenian, and the son of Olorus; his father is maligned as being a Thracian who migrated to Athens. Having literary skill he wrote the history of the war between the Athenians and Peloponnesians.'
 Өрạ́кクs єîXє тойขоца.
73. About 7 lines are missing at the foot of the column.

Fr. 3. 1-9. If these lines relate to Thucydides, Fr. 3. i may be supposed to follow immediately Fr. 2. iii. Those two columns cannot be combined into one on account of the vestiges in Fr. 2. 75-6, which do not suit the beginnings of Fr. 3. 8-9. Whether the historian died abroad or at Athens was disputed. For the tradition of a cenotaph cf.
 єivat. But according to the same authority, 17 (cf. $3^{2}$ and 55 ), the tomb was among the
 11. 8-9, and the reference of this passage to Thucydides is therefore very questionable. The letter after $\alpha$ in l. 8 seems to be $\mu$ or $\lambda$, pointing to ' $A \mu a \xi \alpha \nu \tau \epsilon \bar{v} \sigma \iota$, ' $A \lambda a t \epsilon \hat{v} \sigma_{\iota}$ or ' $A \lambda \omega \pi \epsilon \kappa \epsilon \hat{v} \sigma_{\iota}$ : A $\lambda \iota \mu$ ovvtı (Thucydides' deme) can certainly not be read. In 1. 6 avto]u $\epsilon \pi \iota \tau \eta S$ A $\tau \tau[\iota \kappa \eta S$ suggests itself, and Arr[ıkns is not inconsistent with the scanty remains. In 1. 7 ato or $\lambda_{\iota o t}$ is more suitable than vor.

10-39. 'Concerning Demosthenes. Demosthenes the orator was an Athenian by birth, the son of Demosthenes, and of the Paeaniean deme. When quite a child he was left by his father under the guardianship of Onetor and Aphobus; and when he came of age he displayed his skill in speaking by bringing his guardians to trial on account of the moner: belonging to him which they had appropriated. Coming forward to the tribune (he acquitted himself) excellently . . . and when he had taken some of the poison he immediately breathed his last, having maintained to the end the claim to freedom. The Athenians, when they regained their liberty, honoured him by setting up a bronze statue of him in the Ceramicus, and carved on a tablet the following epigram. "Had your strength been equal to your will, Demosthenes, the arms of Nacedon would never have ruled Greece".'
17. Ovqropı: this is an error. The guardians were Aphobus, Demophon, and Therippides ( $I n A p h o b .4$ ) ; Onetor was a brother-in-law of Aphobus and acted in collusion with him against Demosthenes (cf. the C. Onet.).

24. $\pi a p \epsilon \lambda \theta \omega \nu$ suits the space better than avaбтas.




 to Plutarch, $\bar{X}$ Orat. Vit. 847 a, the statue was $\pi \lambda \eta \sigma i o \nu ~ \tau o \hat{v} \pi \epsilon \rho \iota \sigma \chi o \iota v i \sigma \mu a \tau o s$ кaì тồ $\beta \omega \mu \hat{v} \tau \hat{\omega} \nu$ $\delta \dot{\omega} \delta \epsilon \kappa \alpha$ $\theta \epsilon \hat{\omega} \nu$ : Suidas says $\epsilon \dot{\epsilon} \nu$ àyopậ. avtop rather than avtov is expected.

34-9. The epigram is quoted also by Plutarch, $l l . c c$., and Suidas, who rightly give zo $\eta \nu$ $\dot{\rho} \dot{\omega} \mu \eta \nu \gamma \nu \dot{\omega} \mu \eta$. Plutarch, Dem. 30, and Suidas say that it was on the base of the statue.

40-74. 'Concerning Aeschines. Aeschines the orator was an Athenian by birth, the son of Atrometus and Glaucothea, and the eldest of the family, his brothers being Philochares and Laophobus. At first he was a tragic actor in minor parts, but being a naturally clever speaker exchanged the stage for the tribune at Athens. He indicted Ctesiphon for unconstitutional action in wrongly crowning Demosthenes with a gold crown when the new tragedies were brought out, but failing to get a fifth part of the rotes he left Athens as an exile. Demosthenes, however, bearing no malice for what had taken place and taking heed of the fickleness of fortune sent him a talent of silver for the expenses of
his journey; but he refused it and wept. When he was asked why he wept he said "Because I am leaving a city where even enemies are found more sympathetic than friends". He went to Rhodes and kept a school . . .'

44-5. Aeschines, Fals. Leg. I 49, say's that Philochares was the eldest.
46. Aaoфu $[\beta]$ ov: 1. Aфoß $\begin{aligned} & \text { roov ; cf. Aeschin. l.c. }\end{aligned}$

56-7. каıvoıs $\tau \rho a \gamma \omega \iota \delta o \iota s:$ i. e. at the Dionysia.
$6 \mathrm{I}-73$. This story is not mentioned in the biographies of Aeschines, but is given by Plutarch, $X$ Orat. Vit. 845 e, though apart from the amount the details are quite different. The passage is :-фє ${ }^{\prime} \gamma{ }^{\prime}$



72-3. $[\epsilon \chi \theta \rho o]_{c}$ and $\left[\phi_{i \lambda \omega}\right]_{\nu}$ Murray.


76. 'Pooioss: the story of the reading of the speech against Ctesiphon may well have followed here ; cf. e. g. Plutarch, l.c.

Frs. 6+7. Whether these pieces are from the same column as Frs. $4+5$ or a succeeding one is doubtful ; the dissimilarity of the versos rather favours the latter alternative.

1. Possibly Mci]pa[ $\ldots$.., but the doubtful $\rho$ may be any long letter-v, $\phi, \psi$.
2. $\sigma v]_{\nu}$ : the doubiful $\nu$ may equally be $\iota$.


 that $\delta o \hat{i} \lambda o t$ were mentioned in the lacuna preceding 1.2 avt由t amo Фu入 $\eta$ s, and that avtous or $\pi a \sigma \iota \nu$ should be restored in 1. 7 ; but 11. I $1-15$ are more difficult.
3. There is not room in the lacuna for $\mu \epsilon \tau \epsilon \sigma \chi^{\circ \nu}$ : a slightly shorter supplement than that suggested would be preferable.
II. vas is preceded by the base of a vertical stroke ( $\eta$ or $\imath$ ).
$\mathrm{I}_{2}-\mathrm{I}_{4}$. The position of the small detached fragment containing the letters ]s $\in \lambda \eta[$ and ]rpet [ with vestiges of a third line is made practically certain by the similarity of the fibres of the papyrus. In l. i2 the $\eta$ is quite uncertain, and e.g. $\epsilon \lambda \epsilon \gamma[\epsilon \nu]$ would be possible. In 1. I4 the vestige of the first letter suits ، and the following have rounded tops like $\sigma \sigma$, $\sigma \epsilon$, or $\epsilon \sigma$.

Fr. 8. ii. ${ }^{20-33}$. The references in this passage indicate that the subject is Hyperides, who took an active part in the Lamian war (l. 23 ; cf. Plutarch, X Oral. Vit. 849 f, Phocion 23), was one of the orators whose surrender was demanded by Antipater after the battle of Crannon (1.26), and according to some accounts was put to death in




$26-7$. That the surrender of as many as ten orators was demanded by Antipater is apparently novel ; that was the number, according to some authorities, asked for ten years before by Alexander (cf. Plutarch, Demosth. 23, Diod. xvii. I5), and possibly the two occasions are here confused.

30-3. Cf. Fr. 3. 29-31. Perhaps ко[גлıatoıs in 1. 32.

34-8. 'Concerning Leucocomas. Leucocomas was a Cretan by birth, of the city of Cnosos. Being a comely youth (he was beloved by Promachus . . .).'

34 sqq. The story of Leucocomas and Promachus is known only from Conon 16.






Fr. 9. This fragment resembles in appearance Frs. 6-8, and the contents are somewhat analogous; Fr. 10 is also rather similar.

Fr. 11. 3 sqq. No other name than A]jon[pos seems at all likely, especially as it is clear from Fr. 8. ii. 34 sqq. that this collection of biographies included mythical persons. For Abderus cf. Steph. Byz. s. v. "Aßinpa, Apollodor. ii. 5. 8, 841. II. r-2, n. He is said to have been loved by Heracles, who founded Abdera in his honour after he had been killed by the horses of the Thracian king Diomedes.
4. $\kappa \eta \iota$ : or $\lambda \eta \iota$, but $\Theta \rho a \mid \kappa \eta \iota$ suits the context.



Fr. 18. This small piece possibly formed part of a third column of Fr 3, the point of junction being opposite ll. 37-9; but the combination is unconvincing.

Fr. 20. 4. $\delta_{\epsilon}$ : the $\epsilon$ has been converted from a straight stroke ( $\iota$ or $\eta$ ).
Fr. 21. 2. ? $\delta \eta]_{\mu \epsilon v \sigma a s}$ was probably the end of the line, as is indicated by the diminution in size of the three last letters, as well as by a short blank space after $\phi v$ in l. 4.

Fr. 30.2.]. $\nu$ seems to have ended the line.

## 1801. GLOSSARY.

$13 \times 10.6 \mathrm{~cm}$.
First century.
This and the three following texts form a group of fragments of glossaries, still something of a novelty in papyri, and are an interesting sample of the work of early lexicographers. 1801 is the most ancient of the group, being written in a small semicursive hand which is rather similar to that of 1087 (Part VIII, Plate 4) ascribed to the latter part of the first century B. C. One of the early characteristics shared by 1801 with 1087 is a tendency to link letters at the top, c.g. $\pi$ and the uncial form of $\kappa$; in $1801 \xi$ is similarly linked, which is unusual. On the other hand the $y$-shaped $\eta$, commonly regarded as characteristic of the Roman period, occurs in an abbreviation in 1.46 , while the general aspect of the hand is less archaic than that of 1087 ; a date about the middle of the first century A. D. seems, on the whole, most likely. Paragraphi are used to mark off the various notes, and the words to be explained project slightly into the left
inargin, and are also followed by short blank spaces ; similar spaces are used to indicate a pause in the body of the note, and in one instance (1.21) an oblique dash fulfils the same purpose.

Parts of two columns are preserved, broken at the top and bottom, as well as down the outside of each. An index to the original length of the lines is, however, afforded by $11.21-2$, on the basis of which the extent of the initial lacunae in Col. i has been roughly estimated in the printed text. As for Col. ii, the break from $1.3^{2}$ to $1.5^{8}$ is nearly vertical, and if the length of lines is taken at about 30 letters, the loss in the central part of the column will be about 10 letters, the number slightly increasing above and diminishing below on account of the slope of the column to the right ; but the loss cannot be accurately gauged, since in texts of this kind no great care was taken to keep the ends of lines even, and Col. i shows that 1801 was no exception in this regard.

Both columns relate to rarer words beginning with the letter B, and the alphabetical arrangement may have been strictly observed up to the second letter, but certainly did not extend to the third, c. g. $\beta \epsilon \beta v \sigma \mu \mathcal{\epsilon}^{\prime} \nu^{\prime} \nu$ follows $\beta \beta^{\prime} \lambda o s$. All the words, so far as identified, appear in Hesychius, except one, which is in Suidas. But the treatment is fuller than in Hesychius, especially in the wealth of citation, to which there is more approximation in the Etymologicum Magnum (cf. II. $21-7 \mathrm{n}$. ), a feature which would have made this glossary, had much of it been preserved, peculiarly valuable. Most of the citations are from Comedy or Satyric drama, the authors quoted including Eupolis, Cratinus, Hermippus, Aristophanes, Alexis, and Sophocles. The only prose writer whose name occurs is the historian Phylarchus (1.44). This glossary thus seems to have followed lines similar to those of the Svvay $\omega \gamma \dot{\prime}$ of Artemidorus (cf. Schol. Aristoph. Vesp. $1169, \& c$. ), though whether it was confined to the Comedians and Satyric dramatists can hardly be determined from the present specimen. That this is actually a fragment of the work of Artemidorus is hardly likely; the makers of Lexica were many (cf. Susemilh1, Alex. Lit.-Gesch. ii, pp. 185 sqq.), and very little is known about them.

On the verso of the papyrus are remains of two columns, written in a small upright hand dating perhaps from about the end of the first century or the beginning of the second, from a treatise on grammar. In Col. ii, after referring to the declension [ $\Delta$ ] $\rho a \kappa \omega \nu$ os $\Delta \rho a \kappa \omega \nu$ (cf. Choerob. In Theod. Can. p. 79, Gaisf.), a new section begins ${ }^{12} \Pi \epsilon \rho \iota \delta \epsilon$ тоv a $\sigma \tau \eta \rho \beta a \tau \eta \rho \kappa\left[a \iota \tau \omega v\right.$ ouo८ ${ }^{13} \omega \nu \in \pi \iota \lambda a \mu \beta a v \epsilon \tau a \iota$




## Col. i.



Col. ii.

```
    [. . . . . . ] \(\nu \eta[\)
30 [. . . . . .] \(] \cdot[\)
```

[. . . . . .]. . $\gamma \in \lambda \omega[$
[. . . . .] ]utos $\epsilon[t] s ~ \tau \eta \nu \quad \gamma \nu \alpha\left[\theta_{0 \nu}\right.$ ?
[. . . . .]. . $\tau \alpha \cdot[.] \mu \in \operatorname{vov}[$.$] єXo • [$
[. . . . . .]ą каı тоע Kрат![ขov $\in \nu$ Өраıттаıs

[. . . . . ${ }^{2} \mu \eta \nu \alpha[. ..] \cdot[]!.\pi \epsilon \rho \cdot[$.
[. . .] o op $\pi о \delta \eta \rho \eta$. o $\mu \iota \kappa \alpha$.
$\epsilon \cdot[\cdot.] \cdot[\cdot] \rho \alpha \nu \tau \iota \nu \alpha$. $\epsilon \iota$ ка८ $\phi[$.
$\alpha[\ldots] \leq \omega \beta \in \lambda \tau \iota \sigma \tau \epsilon \pi \epsilon \iota \sigma \tau \epsilon[0 \nu$
$40 \beta[\epsilon \mu \beta \iota \xi] \pi \in \rho!\sigma \tau \rho[\rho] \phi \eta \quad A \rho[\iota \sigma \tau 0 \phi \alpha \nu \eta s$ ?.
[....] $\theta_{0} \omega \quad \epsilon \nu \tau 0[t] \delta \epsilon \sigma \chi \eta \mu[. . . . . . .$.
$B \in \lambda[\beta \iota \nu] \underset{\sim}{x} \quad \kappa \omega \mu \eta \tau[\eta s \quad \Lambda \alpha] \kappa \omega \nu[\iota \kappa \eta s$

кає Фu入apXos $\epsilon \nu$ т $\eta \iota \bar{\delta}$ [.
45


${ }^{\alpha \nu}$
$\pi \alpha \rho \eta \nu \quad \lambda_{\epsilon \gamma \epsilon L \nu} \in \gamma \chi^{\circ s} \delta_{l} .[\ldots . . . .$.
$\beta \in \beta v \sigma \mu[\epsilon] \nu 0 \nu \quad \pi \lambda \eta \rho \in S \quad \tau \eta!$ [.
$\gamma \eta \beta \epsilon \beta v \sigma \mu \epsilon \nu \eta \quad A \rho \iota \sigma \tau o \phi[\alpha \nu \eta s \in \nu .$.

є $\sigma \tau \iota к \alpha \iota$ ко $о \pi \alpha \sigma \mu \alpha \tau \alpha$. $[$.

аитоا $\sigma к о \pi \epsilon l \tau \epsilon \nu v \nu \quad \epsilon \gamma \omega \delta[$.

55
$\epsilon \sigma \tau \iota \nu \delta \eta{ }_{\epsilon} \rho \gamma \eta \tau \eta \delta$ Ө $\Theta a[\iota \kappa \eta s$
$B \epsilon \lambda \lambda \epsilon \rho \circ \nu^{\prime} \quad \tau 0 \nu B \in \lambda \lambda \epsilon \rho \circ \phi \circ \nu \tau[\eta \nu$
$\beta \in \bar{\beta} \iota \nu \iota \omega \nu \quad E \rho \mu \iota \pi \pi \cap s \in \nu \sum[\tau \rho a \tau t \omega \tau \alpha \iota s$ ?
$\omega \nu$ tas $\lambda \eta \kappa \nu \theta_{\text {ous }} \kappa \alpha \tau \eta[. . . . .$.

60 [. . . . .] $\beta \eta \rho \eta[\kappa$.] $\phi v \rho \alpha[\mu a \tau \alpha$

| 61 ] $\beta$ [. . $]$ [ |
| :---: |
| ] $\delta 1 \delta$ O[ |
| ] [ |

4. There seems to have been no other letter in front of the doubtful $t_{r}$ which might also be a dash like that in l. 2 I.
5. Cf. Hesych. $\beta$ кіракеs' iépaкєs. It is not possible to read $\eta$ or кaı before $\gamma$ дaveє(s), though one of those words should perhaps be restored. o could well be read in place of a
 suggests that si $\beta$ vor may be the name in the lacuna after $\pi ⿰ 丿 \rho a$; but the name may also have been that of the author who used the form.

10, $\operatorname{Sa\lambda }[\mu] \omega[\nu \epsilon]$ is consistent with the remains, which do not suit Earvpors (cf. 1. 17 $^{7}$ ).
11. тробтагццоу is apparently novel.
13. ov: perhaps $\sigma \omega$.
16. Juas outi: or Jua бov $\tau \iota$.
19. The first letter may be e. g. $\beta, \delta, \rho$. Neither apof for apoat nor äp $\sigma \epsilon$ is attractive in this context.

 the play of Aristophanes, confirms the view of earlier editors that кui $\tau \hat{\omega} \nu$ was part of the citation; Kock prints $\beta \in \lambda$ érк $\omega \nu$ only (Fr. 755). Lines 23 sqq. are an excerpt from a prose


 that 11. 34-5 at any rate are part of a note on Bevdis, of whom Hesych. says s. v., in "Apremes,
 in the note (to which the small fragment, 11. 61-3, perhaps belongs) is, however, uncertain, nor is it clear whether 11. 36-9 are all part of the same excerpt from Cratinus. J $\mu \mu \eta \nu$ in
 read, unless $\omega$ was here written differently from those elsewhere. In $1.3^{8} \tau \omega v a \sigma[\sigma] \epsilon$ is not impossible.
 suppose, the name of the play seems to have been omitted, contrary to the compiler's usual practice. $\beta_{\epsilon} \mu \beta_{\iota x \epsilon s} \epsilon \gamma \mid \gamma[\tau \nu \epsilon \sigma] \operatorname{G}_{\omega \nu}$ (Vesp. 1530) suggests itself, and might not be too long if A $\rho \iota \tau \tau \circ \phi(a v \eta s)$ were written ; $\pi \epsilon \mid \rho[\iota \rho \nu \nu] \operatorname{low}(.1 v .1461)$ is a not very satisfactory alternative.

43-4. This seems to be a separate gloss, but it remains obscure. Phylarchus was the author of a history of Pyrrhus and other works.
 and the similar note in Suidas.

46-7. Ach. 345 .
48-9. Cf. Hesych. $\beta_{\epsilon} \beta v \sigma \mu^{\prime} \boldsymbol{v}_{\nu 0} \nu^{*} \pi \lambda \hat{\eta} \rho \epsilon s^{\prime}$. Suidas cites Aristoph. Ach. 463 , but $\gamma \eta$ ( $\pi \sim \gamma^{\prime}$ ? ?) $\beta \epsilon \beta v \sigma \mu \epsilon \varepsilon \eta$ is from a non-extant play.

50-5. Antiphanes of Berga was a byword for his mendacity, and hence Bepqaios
 $\mu \epsilon ́ \rho \epsilon \iota \tau \iota \in \epsilon i s$. Steph. Byz. says that a verb $\beta \epsilon \rho \gamma a i\} \epsilon \iota \nu$ was also coined.



 is the only known play of Hermippus beginning with $\Sigma$. As to the following words, the restoration depends on whether they are taken as a quotation (e.g. $\beta \in \beta \beta \omega \nu \mid \omega \nu \tau a s \lambda . \kappa a \tau,[\gamma a \gamma o \nu)$ or as explanatory (e.g. $\dot{\xi} v \lambda a \epsilon \xi \mid \omega \nu$, on the lines of Hesych.).


62. Possibly B $\epsilon \nu] \delta \delta \delta \rho[s$, in which case the fragment would come from the neighbourhood of II. 34-5.

## 1802. GLOSSARY.

$$
\begin{gathered}
\text { Fr. } 3 \quad 14 \cdot 3 \times 34 \cdot 3 \mathrm{~cm} . \quad \begin{array}{c}
\text { Late second or early } \\
\text { third century. }
\end{array}
\end{gathered}
$$

The following fragments of an alphabetical glossary are on the verso of 1798 , a historical work on Alexander the Great. They are written for the most part in an irregular but clear simicursive of medium size, but in two or three fragments the hand is markedly smaller (cf. n. on Fr. 6) and in a couple of others (Frs. 7-8) it becomes more cursive. $v$ at the end of a line is sometimes written as a horizontal stroke above the preceding vowel, but otherwise there is no abbreviation. As in 1801, the several glosses project into the left margin by the width of three or four letters, and are also followed by a blank space ; but no points or paragraphi are used. The text on the recto is assigned to the middle or latter part of the second century, and that on the verso may date from the end of the same century or the beginning of the third. Some rather unintelligent mistakes, which have been left uncorrected, are noticeable (11. 49, 6I, 63 ).

As explained in the introd. to 1798, the two texts proceed in opposite directions and the glossary did not occupy the entire roll, many of the minor fragments of 1798 being blank on the verso. Since those fragments, so far as their contents are recognizable, are not separated from the rest by any wide interval, and the remains of the lexicon, which was on a considerable scale, include words beginning with $\kappa$ to $\mu$, the copy of this seems not to have been finished. Fr. 3 is the only substantial piece, containing the upper portions of three consecutive columns, the two latter of which are sufficiently well preserved to give some idea of the scope and method of the compiler, at whose identity it is hardly worth while to guess. His alphabetical arrangement is more strict than that of 1801 or of ancient lexica generally, and is indeed remarkably correct, so far as it can be followed. He confines himself to uncommon words, or words used in
an uncommon sense. Besides Greek local peculiarities, several terms from non-Hellenic speech are included-Persian (Fr. 3. 45. 64, Fr. 6. 13), Lydian (Fr. 3.46), Chaldaean (Fr. 3.63, 67, 72, Fr. 6. 6), Albanian (Fr. 3. 65) ; in the last instance the authority quoted is a work in two or more books on $\Xi \frac{\epsilon}{} \ell \eta \phi \omega \nu \eta^{\prime}$, by a certain Heraclides. The writer's interest in foreign countries is further shown by references to e.g. writers on Scythia (Fr. 3. 1), Asia (Fr. 3. 10, 17), and Babylon (Fr. 3. 67, 72), to Glaucus on the region West of the Euxine (Fr. 3. 36), to Andron on 'the war with the barbarians' (Fr. 3. 46). In contrast with 1801, most at any rate of the authorities cited are prose works, and are often comparatively obscure. Sometimes a considerable excerpt is given (Fr. 3. 29-35 $37-42$ ), but more commonly only a brief mention is made of author and work. How far these references can be trusted is somewhat problematical ; in the two that occur to an extant book, it is incorrectly cited (Fr. 3. 50, 57). In one place epigraphic evidence is appealed to ( $\mathrm{Fr} .3 \cdot 54^{-6}$ ).

Of the words and uses reported in this papyrus about one half are not found in the existing lexica, but a large proportion of the novelties are non-Hellenic. Several terms are otherwise known only from Hesychius, whose evidence is generally less explicit; it is noticeable that in one instance where both cite an authority, this is not the same (Fr. 3. 58-9, n.). A striking coincidence of phraseology between the papyrus and the Etymologicum-Magnum and Zonaras occurs in Fr. 3. 40-1, and no doubt the passage there cited is their common ultimate source. The parallel with Photius noted in Fr. 3.6I, n. is hardly less close ; evidently such glosses often underwent little variation in their descent from one compiler to another.

Fr. 1.



Fir. 3. Col. i.
M $\alpha \rho \gamma \iota \alpha \nu o \iota$ ? $\epsilon \nu] \bar{\gamma} \sum_{\kappa v}[\theta \iota \kappa] \omega \nu$
] $\nu \omega \nu \quad \alpha \rho \chi \eta[. \cdot] \cdot \eta \tau \rho[$.
] $\alpha$ गоьovעтє[s $\epsilon] \nu \theta_{0 v \sigma \iota \alpha}$
$\pi \alpha \rho \quad \epsilon \tau] \in \rho \circ \stackrel{1}{ } M \alpha \rho \delta o \iota \kappa[\alpha] \lambda$ ouvt $\alpha \iota$ ]. $\lambda$ oc $A \nu \tau \iota \kappa \lambda \epsilon[\iota \delta \eta] s$ $\left.A \sigma \kappa \lambda] \eta \pi \iota \alpha \delta \eta s \in \nu[.] \epsilon \pi \iota \gamma^{\prime} \rho\right] \alpha$ ]
]оィкоvбเข $H_{\rho \alpha \kappa[\lambda \epsilon \iota \delta \eta] s}$ $]$
$\kappa \alpha] \tau \alpha A \sigma \iota \alpha \nu \alpha$
$]$
$\epsilon \nu \nu] \pi \sigma \mu \nu \eta \mu \alpha \sigma \bar{\imath}$
] о Їтчкаьоs

```
15 ]
\(\epsilon \nu \tau \omega \pi \epsilon \rho \iota \tau o v \kappa \alpha \tau \alpha A \sigma \iota\)
\(\alpha \nu\) ]
ороцабt \(\omega \nu\)
    20 ]
        ] \(\kappa \eta \pi o \lambda \epsilon \iota \tau \epsilon L \alpha\)
        jes
        ] \(\sigma \omega \epsilon \epsilon^{\prime} \rho v \chi \omega \rho \iota \alpha[. .\).
        ]
```



```
    ]
? \(\Pi \alpha] \rho \theta o c \pi \rho[.] \cdot[. . . .\).
] \(\subset \boldsymbol{\sigma} \theta \epsilon[\). . . . . . . . . .
```

Col. ii.

 $\sigma \epsilon \phi \circ \nu \eta s \bar{\alpha} \mu \epsilon \nu \pi \alpha \rho \alpha \gamma \epsilon \nu \epsilon \sigma \theta \alpha \iota \epsilon \iota$ Парор ка८ $\bar{\xi} \epsilon \nu \iota \sigma \tau \epsilon \iota \sigma \alpha \nu \pi \alpha \rho \alpha$

 $\tau \alpha \quad \pi \epsilon \rho \iota \alpha v \tau \eta \nu \quad \pi \alpha \theta \eta \quad \tau \epsilon \kappa \alpha \iota \mu \nu \sigma \tau \eta \rho \iota \alpha$ o $\theta \in \nu \quad \kappa \alpha \iota \mu \in \lambda \iota \sigma \sigma \alpha s$ єктотє $\kappa \lambda \eta \theta \eta \nu \alpha \iota \tau \alpha s$ $\theta \epsilon \sigma \mu \circ \phi о \rho \iota a \xi o v \sigma \alpha s \quad\{\kappa \lambda \eta \theta \eta \nu \alpha \iota\}$ रvvalкаs
 $\mu \epsilon \nu \omega \nu \in \pi$ ар८नт $\rho \rho \alpha$ रov Поvтov $\mu \epsilon \rho \eta$ $\sigma v \nu \kappa \alpha \tau \alpha \theta \epsilon \mu[\epsilon] \nu \omega \nu \delta \epsilon \tau \omega \nu \in \lambda \alpha$





 $\mu \nu \eta \mu \alpha \sigma \iota$
$45 \mu \epsilon \nu \epsilon \mu \alpha \nu \iota \quad \tau 0 \quad v \delta \omega \rho \pi \alpha \rho \alpha$ тoıs $\Pi \epsilon \rho \sigma \alpha \iota s Z_{\epsilon \iota \nu \omega \nu} \in[\nu . . .$.$] . \omega \nu$






[. . . . . ] $] \mu \alpha \sigma \iota$
[. . . . . . . . . . . . .]!ккa[. . .]e[ .]кo! $\sigma \alpha$. [

## Col. iii.

 $\omega \nu \in \sigma \tau \iota \mu \epsilon \iota \kappa \rho o \nu$ A $\theta \eta \nu \alpha \delta \iota \circ \nu \kappa \alpha \iota \epsilon \pi \iota \gamma \epsilon[\gamma \rho \alpha \phi \theta \alpha \iota \quad \phi \alpha \sigma \iota \nu$ avt $\omega$ ? $\tau \eta \nu M_{\eta \tau \iota \nu}$


 $60 \lambda \eta s \epsilon \nu \tau \eta \sum_{0 \lambda \epsilon \omega \nu} \pi 0 \lambda \epsilon \iota \tau \epsilon L \alpha$






$\mu \iota \nu 0 \delta 0 \lambda o \epsilon \sigma \sigma \alpha \quad \alpha \rho \iota \theta \mu \omega \nu \quad \sigma v \nu \tau \alpha \xi \iota \varsigma \pi \alpha \rho \alpha \quad X \alpha \lambda \delta \alpha \iota \sigma[\iota s, \ldots \epsilon \nu=\tau \omega \nu$ ката Baßv入ఉขa

$70 \quad \rho \iota \pi$ тот $\alpha \mu \omega \nu$
$\mu \nu \nu \omega \delta \epsilon s \quad \alpha \mu \pi \epsilon \lambda o l ~ \tau \iota \nu \epsilon s$ ovic $\lambda \epsilon \gamma 0 \nu \tau \alpha \iota \pi \alpha \rho a$ Podttols . . .
 $\tau \omega \nu$ ката $B \alpha \beta \nu \lambda \omega \nu \alpha$



Fr. 9.
Fr. 11 .

$$
] \cdot \alpha \beta \cdot \rho[
$$

$$
] \alpha[
$$

? $\Xi_{\epsilon \nu 0] \phi \omega \nu} \epsilon \nu \bar{\alpha} \cdot[$
? $\tau o l]$ Yous $\tau \in \theta \nu \rho[$ [ $[\omega \mu \epsilon \nu o u s$ ?
]. [!] $\cdot$ [

Fr. 2. 5. Antenor may be the historian of Crete referred to e. g. by Plutarch, MaI. Herod. 22.
8. Apıotore $\lambda \eta \in \epsilon \nu$ ? Cf. Fr. 3. 59. Aristotle's treatise on the Thessalian constitution is


$$
\begin{aligned}
& 75 \mu \cdot[. .] . .!\quad \mu \in[ \\
& 22 \text { letters } \\
& \text { ]. орıак[. . . . . . . } \\
& \text { ]. } \sigma \in[
\end{aligned}
$$

10．The doubtful $\tau$ is preceded by a horizontal stroke above the line like those above numerals．

Fr．3．1－4．These lines seem to form a connected note on the Mapylavoi；cf．
 possibly Mapyul］${ }^{\circ} \omega \nu$ is to be restored in 1．2．evəovoral Soval（？）in 1.3 suggests that the name
 Several writers of $\Sigma_{k v \theta i k u}$ are known，e．g．Agathon of Samos（Plutarch，Flui．iv．5）and Ctesippus（op．cit．v．2）．

5．There is perhaps just room for Avtıeגe［ $\delta \delta \eta]$ ］，i．e．，presumably，the Athenian historian ； the preceding word was possibly $\delta$ ］ $7 \lambda 0$ o．

6．Which of the various writers named Asclepiades is meant is not clear．A relative perhaps followed $\epsilon \nu$ ；a numeral and $\epsilon \pi \tau \gamma \rho \mu \mu \mu a \tau \omega \nu$ is less likely．

8．Hpaк $[\lambda \epsilon i \delta \eta]$ s：perhaps the author of the Eév $\phi$ w并 mentioned in 1.66 ，or e．g． Heraclides Lembus，who was probably the compiler of a work on חoiteteiu（cf．Fr．2．4．8， Fr．3．21）among other treatises（cf． 1367 int．）．

10．кa］ra A Aucu ：cf． 1.17 ；but the division ］ta A $\sigma a v a$ is of course possible．
 Steph．Byz．s．v．＇Iтikn．

19．огоца⿱宀⿻三丨口 may well be part of the title of some treatise．
27．Hal］$\rho$ ot more probably than ojpoot，perhaps．
29－35．＇$\mu \dot{\text {＇}}$ ı $\sigma \sigma a t$ ：the priestesses of Demeter．The same Apollonia（？）in the first book（says）：＂When bringing to the Nymphs the basket together with the loom and the work of Persephone she first went to Paros，and having been entertained in the palace of the king Melissus she presented to his daughters，who were 60 in number，the loom of Persephone，and delivered first to them her sufferings and mysteries；whence the women who took part in the Thesmophoria were thereafter called Melissae＂；
l．29．A spot of ink in the margin is very doubffully identified as $\epsilon$ ，but its position points to a projecting word，so that a new paragraph is indicated．Cf．Hesych．$\mu \boldsymbol{\epsilon} \lambda \iota \sigma \sigma a{ }^{\circ}$ ai

 beginning of the line are mostly broken，the remains well suit the reading adopted，with which $A \pi \rho \lambda \lambda[\omega \nu \iota a]$ or $A \pi o \lambda \lambda[\omega \nu s]$ see ms unaroidable．

30．For the кädatos cf．e．g．Callim．H．Cer． r sqq．， 12 i sqq．，and Schol．H．Cer．i

 $\tau \mu \dot{\eta} \nu \tau \hat{\eta} s \Delta \eta_{\mu} \eta_{\tau} \rho o s$. The кídaAos worn on the head is a common emblem both of Demeter and Persephone．References to the igrós of the latter do not seem to occur．



$3^{1-2 .} \bar{a}=\pi \rho \hat{\omega} \tau \nu \nu: 1 . \xi \in \mu \sigma \theta \epsilon \hat{i} \sigma a v$. Melissus king of Paros and his 60 daughters are apparently not elsewhere mentioned．Paros，however，was prominent in the worship of Demeter；cf．e．g．Homer，H．Demet．49r，where Paros is mentioned next to Eleusis， Nicanor，ap．Steph．Byz．s．v．חípos，who says that the name $\Delta \eta \mu \eta \tau \rho a \dot{a}$ was applied to the island，and the statement in Schol．Aristoph．Av．r ${ }_{7} 64$ that Archlochus wrote a hymn to Demeter at Paros．According to Pausan．x．28． 3 the öppia $\tau \bar{\eta} s \Delta_{j} \dot{\eta} \eta \tau \rho o s$ were said to have been brought to Thasos from Paros；other references are collected in Pauly－Wissowa， Realencycl．iv．2722－3．

34-5. Cf. Pindar, Pyth. iv. $106 \mu \epsilon \lambda i \sigma \sigma a s \Delta \epsilon \lambda \phi i \delta o s$, of the prophetess, and Callim. H. Apoll.


36-42. 'Meגúyov: a Scythian beverage. Glaucus in the Ist book of the description of places lying towards the left of the Black Sea (says) "when the drivers agreed, he dismissed the assembly and dispersing each to his home they prepared the $\mu \in \lambda \iota v^{\prime} \iota \nu$. . This drink is more intoxicating than wine and is made of honey boiled with water, with the addition of a certain herb; for their country produces much honey and also beer, which they make out of millet ".


 papyrus, and the spelling $\mu \in \lambda \dot{\nu} \gamma(\epsilon)\llcorner\nu$ is confirmed as well as $\pi$ ouárıov, which Dindorf wished to emend to $\pi \dot{\prime} \mu a \tau_{i}$ from Hesych. ; a more probable alteration would be to write
 identity doubtful. Of the recorded writers of that name, the author of a work on Arabia often referred to by Steph. Byz. appears the most suitable. $\begin{gathered}\text { eár } \eta s(1.37)=\dot{c} \lambda a \tau \eta \rho \text { in Eurip. }\end{gathered}$


43-4. This is a new piece of information, apparently. The term $\mu \epsilon \lambda \omega \delta i a$ may have been applied to tragedy in its germinal dithyrambic stage.
45. l. z $\eta \nu \omega \nu$, i. e. not improbably the grammarian of Myndus, who is cited e. g. in Etym. Magn. 590. 44 S v. $\mu$ opiav. The vestiges before $\omega \nu$ are consistent with e. g. $\delta, \lambda, \mu$, but $\Lambda \epsilon \xi] \epsilon \omega \nu$ is unsuitable. As for $\mu \epsilon \nu \epsilon \mu a \nu$, Mr. R. Levy tells us that maya, the Aramaic word for water, was used in Pehlevi, and a reduplicated form of this might produce something sufficiently close to the papyrus. Dr. Sayce notes the similarity of ammis.
46. Cf. Hesych. $\mu \dot{\epsilon} \rho \mu \nu \eta s^{*}$ трiopxos. The family name of Gyges was Mє $\rho \mu \nu a ́ 8 a \iota$ according to Herodotus i. 7. 14. A $\nu \delta \rho \omega \nu$ is perhaps more likely to be the historian from Halicarnassus than the Alexandrian who wrote Xoovikí (Athen. iv. 184 b), though a work by him with the title here given is not elsewhere cited. To read Av $\delta \rho \omega \nu[k 0 s$ for $A \nu \delta \rho o \nu$. is possible but not attractive.
48. This sense of $\mu \dot{\rho} \rho \circ \pi \epsilon s$ is not otherwise attested. Among the many writers named Dionysius the most suitable in this context seems to be, if not the prolific $\Delta$ ovoúcus $\delta$ $\Theta_{\rho} \dot{a} \xi$,
 tion, and Steph. Byz.

49-50. 1. $\mu \epsilon \rho \circ \psi . \quad \epsilon$ of oтє $\rho$ has been corrected from $a$ or o. The word beginning with $\kappa$ should mean 'parents' or something analogous; $\kappa[\eta \delta \epsilon \mu \nu \nu a s$ is hardly satisfactory. The $\mu \epsilon ́ \rho o \psi$ is mentioned by Aristotle in An. Hist. ix. 13, p. 615 b ${ }_{2} 5$ фaci $\delta \dot{\epsilon}$ tıves toùs $\mu$. . . .
 strange that the reference given in 1.50 is mistaken both as to the treatise and the number of the book (there is no eighth book of the De part. anim.) ; cf. l. 57, n.
51. $\mu \epsilon \sigma o t \epsilon \lambda \epsilon \sigma \tau o \nu$ : $\sigma o$ is doubtfully read and the $\sigma$ may be $\rho$ : also the space between the supposed $o$ and $\tau$ is rather wide and another letter may have intervened; but a compound of $\mu \dot{\epsilon} \rho o s$ does not seem very likely. For $\mu \epsilon \sigma o-=\dot{\eta} \mu \iota-$ cf. Hesych. $\mu \epsilon \sigma \dot{\prime} \psi \eta \rho o \nu^{*} \dot{\eta} \mu i \xi \eta \rho o \nu$. A few Aetolian forms are given in Hesych., e. g. кißßa, àєpía, өıaүóvєs.
54. Xaג^[totкov was restored by Lobel, no doubt rightly. The identification of M and Athena is apparently novel ; Apollodor. i. 3.6 puts them in the relation of mother and daughter. Cf. Hesych. Mîтıs* $\sigma \dot{v} \nu \epsilon \sigma \iota s^{\circ}$. . . кaì $\dot{\eta}$ $\theta \epsilon o ́ s . ~$
57. ro was originally written after $\epsilon \nu$, i. e. the writer began to write rous owing to the

pp. $627 \mathrm{~b}-628$ a (cf. An. Gen. iii. 10, p. 76 I a 6) so that there is the same mistake in the citation here as in l. 50. Cf. Hesych. $\mu \eta \dot{\tau} \rho a^{\circ}$ єìoos $\sigma \phi \eta \kappa o ́ s$.
 would also be possible, or the letter after a might well be t. In 1.59 neither as kat nor ats кає suits the remains; perhaps there was a correction and at кає was intended. That sódo七 was included among Aristotle's collection of constitutions was unknown.

 part of the line has been derived. The identity of Aùroклєions is doubtful ; he is not likely

63. 1. appovaas. Hesych. gives several Chaldaean words, but $\mu t \theta_{o \rho \gamma}$ is not one of them. It is conjectured by Sayce to be the opening of a Sumerian hymn, possibly = me ta-ra-ga, from some Tammuz dirge, as Prof. Langdon suggests.
64. The equation of Mithras to Prometheus, though not unnatural, is apparently
 similar but longer notes in Suidas and Photius.
$65^{-6}$. At the end of the line e. g. тots $1 \beta \eta \rho \sigma t$ or Appevtots would be suitable; cf. Strabo xi, p. 501 . The work on $\Xi e ́ v \eta \phi \omega \nu \eta^{\prime}$ is apparently not mentioned elsewhere, and with which, if any, of the known grammarians named Heraclides the author is to be identified is doubtful.
 consideration of this compiler's fondness for giving authority it is preferable to treat кaтa Baßv $\omega \omega \nu$ as part of a title rather than to read e. g. Xà $\delta a \iota o[\iota s$ tots ovat; cf. ll. 72-3, where $\tau \omega \nu$ кпта Baß. is most easily explained in the same sense and as a citation of the same treatise. The writer's name must be as short as possible.
69. Cf. Hesych. Mıviau' oi 'O $\rho \chi о \mu$ évıo, кaì Máyvๆтєs. As in 1.67 , the name of the author cited should be quite short, since the line would really be sufficiently filled with no further addition, especially if, as is quite possible, $\epsilon \boldsymbol{\nu}$ roos stood in the title. There were many writers of works on rivers, besides Callimachus; cf. Schneider, Callimachea, ii, p. 326.

7 I. Cf. Hesych. $\mu \nu \nu \not \overbrace{}^{*}{ }^{*}$ єî̀os à $\mu \pi$ é̀uv.
72. Either o before mapa is superfluous or something has dropped out. For the citation cf. n. on ll. 66-7. $\quad \mu \iota \sigma a \iota$ according to Sayce $=$ Sumerian $m e-z u$, 'to divine'.
74. The lexica throw no light on this entry, which seems to have no connexion with Hesych. $\mu \nu \tau \tau \iota \lambda a v o s^{*}$ aimóm $\eta^{\eta} \kappa \tau o s$, the latter word being too long for am[. . ...]., as well as otherwise incongruous. Hyךбavópos is presumably Hegesandrus of Delphi, the author of a collection of anecdotes called ' $\Upsilon \pi о \mu \nu \eta ́ \mu а т а$, in several books, cited by Hesych. s.v. àлóфарб七s and Suidas s. v. $\bar{\lambda} \lambda k v o v i \delta \epsilon s$ as well as by Athenaeus.

Fr. 4. The blank spaces in ll. 7 and 9 indicate that the preceding words were $\gamma \lambda \bar{\omega} \sigma \sigma a t$, and ll. $5^{-6}$ are no doubt complete at the beginning. The fragment may be from the top of a column.

Fr. 6. The writing in this fragment containing the ends of lines from the top of a column, is considerably smaller than in Frs. 2 and 3; that of Fr. 9 is similar and so is that of Fr. I so far as it goes.
I. $\beta a \sigma \iota \lambda \epsilon \omega s$ : or $\beta a \sigma \iota \nu \omega$ ? ? $\beta a \sigma \iota \lambda \iota к о \iota$ or -коv is less suitable.
6. $\pi а \rho a \mathrm{Xa}[\lambda \mid \delta a \iota o s:$ cf. Fr. 3. 63, 72.

Frs. 7-8. These two fragments are more cursively written than the rest.
Fr. 9. Cf. n. on Fr. 6. In 1. I a narrow letter may be lost between the supposed $\beta$ and $\rho$.

Fr. 11. Either the beginning of a line or of the explanation of a word.

# 1803. GLOSSARY. 

$16 \times 29.7 \mathrm{~cm}$.

Sixth century.
This sheet from a papyrus book was probably the uppermost of a quire, since the space between the two pages of the recto, down which the binding string passed, has an ornamental band of light purple colour, and the string itself, some of which still adheres to the sheet, showing the knot, is partially coated with the same colour. The style of the rather heavy sloping uncials points to a date in the sixth century perhaps rather than the fifth ; the ink is of the brown shade characteristic of the Byzantine period. As usual, the words of the glossary, which all begin with $\sigma$, are made to protrude slightly into the margin; and the conclusion of the notes is marked by paragraphi, accompanied here and there by stops in the high or medial position. Quotations are sometimes indicated by the angular signs commonly employed for that purpose, but they are often omitted. Marks of elision are used, and there is one instance of a rough breathing (1.42); all these additions are due to the original scribe, who was apparently a person of small intelligence, though he need not of course be the originator of all the slips that occur.

1803 is of a less interesting character than 1801-2 and the purpose suggested is rather scholastic than scientific ; citations, however, are commendably frequent and from these the papyrus largely derives its value. They are taken either from prose (Demosthenes, Thucydides, Xenophon) or Comedy, both Old and New, and additions are thus made to the extant fragments of Eupolis $\mathrm{X} \rho \boldsymbol{\rho} \boldsymbol{\sigma} \boldsymbol{o v} v$
 Фaviov; the poet's name is omitted in the case of the last three of these, but there can be little doubt that Menander is meant. The alphabetical arrangement, apart from the initial letter, is very negligent.

Fol. 1 verso.
$\sigma \tau \iota \phi \rho o \nu$ o $\varkappa \pi о \lambda \lambda o l ~ \sigma \tau \rho \iota \phi \nu \bar{o}$

[>] $\mu \eta$ üтобт $\rho[\iota\rfloor \downarrow \phi \nu \nu \quad \sigma \epsilon \tau \bar{\eta}$
$\phi \omega \nu \eta \nu \quad \epsilon \chi \epsilon 1 S$ каl $M \epsilon \nu \bar{\alpha}$
5
> $\delta \rho o s \in \nu \sum \nu \nu \alpha \rho \iota \sigma \tau \omega \sigma \alpha l s ~ \omega \sigma$
, 【a $\rrbracket\rfloor \epsilon \quad \sigma \tau \epsilon \phi \rho a s \in \sigma о \mu \epsilon \nu \alpha s$
[>] к $\alpha \iota \nu \in \alpha S$ т $\alpha \lambda \alpha \nu \tau \alpha \tau о s$
$\sum \overline{\alpha \rho \alpha \pi l \nu} \delta_{\iota \alpha}$ тоv $\bar{\alpha} \omega S \in \nu E \gamma$

Fol. i recto.
$\pi о \lambda \lambda \alpha \kappa \epsilon \iota$.
20 бvvayay $\epsilon \nu$ то $\sigma v \nu \alpha \theta_{\rho o \iota}$
$\sigma \alpha l$ каl $\sigma v \lambda \lambda \epsilon \xi \alpha l \delta_{\epsilon}$ то аито

$\chi^{\omega} \rho 1 \delta \iota \nu \nu \pi \rho \iota \omega \sigma \nu \nu \alpha$
$\gamma \alpha \gamma \omega \nu \pi \alpha \nu \theta^{\prime}$ o $\sigma \alpha$ єXєाร
$\tau 0 \delta^{\prime} \epsilon \gamma \omega \delta \omega \sigma \omega \sigma \chi 0 \lambda \eta$
$\mu_{0 l} \sigma v \lambda \lambda \epsilon \gamma \epsilon$

$10>\pi \iota s \theta$ cos．
$\sigma v \gamma \gamma เ \gamma \nu \in \sigma \theta a i \quad \lambda \epsilon \gamma \in \tau \alpha \iota \quad$ кã $\epsilon$ $\pi \epsilon \nu \theta \epsilon \sigma \iota \nu \quad \tau o \nu \bar{\tau} \kappa \alpha \iota \gamma \iota \gamma \nu \omega$ $\sigma \kappa \epsilon \iota \nu \quad \mu \alpha \lambda \iota[0 \nu] \sigma \tau \alpha$ ol $\pi \alpha \lambda \alpha \iota$ o七 a乡tovaı $\delta \epsilon \kappa \alpha \iota$ X $\quad$ ppıs
15 avtov
$\sigma \eta \mu \iota \nu \nu \quad \gamma \eta \nu \quad \sigma \phi \rho \alpha, \delta \alpha \times \alpha \iota$ $\sigma \eta \mu \eta \nu a \sigma \theta a \iota$ то $\sigma \phi \rho a \gamma \iota \sigma \alpha \iota$ ws．［

бu $\langle$ фopav ov $\mu$ ovov $\tau \eta \nu$ $\delta \nu \sigma \pi \cup \chi \iota a \nu$ a $\lambda \lambda \alpha$ кає $\tau \eta \nu$ $\sigma \nu \nu \tau v \chi \iota a \nu$ 由 $\sigma \tau \epsilon$ каl $\alpha$ $30 \quad \gamma a \theta \omega \nu$ ov $\mu$ фора⿱ $\lambda \in \gamma \in \bar{\tau}$ $\omega S \in \nu \bar{I} \pi \pi \epsilon v \sigma \iota \nu \in \pi \iota \sigma \nu \mu$
 $\gamma \in \lambda \mu \epsilon \nu \alpha L S \in v \alpha \gamma \gamma \epsilon \lambda \epsilon L \alpha$ $\theta v \in \tau$
$35 \sigma v \nu \epsilon \theta \iota \zeta \in \sigma \theta a l$ סıa $\tau 0 v$ ¡ $\kappa \alpha \iota$

Fol． 2 verso．
$\tau \omega \nu \epsilon \pi \iota \tau \eta \delta t \omega \nu$ $\omega s \tau a{ }^{\iota}{ }^{\iota}$

55 סvvєvєเข
$\sigma \overline{\alpha \beta} u t \tau o u s$ кoupas $\epsilon \iota \delta o s$ т


 $60 \sigma \iota \omega \pi \eta \sigma \circ \mu a \iota$ av $\tau \iota$ тov $\sigma \iota \omega$ $\pi \eta \sigma \omega$ каi $\sigma \iota \omega \pi \eta \sigma \epsilon \iota$ ка८ $\sigma \iota \omega \pi \eta \sigma \epsilon \tau \alpha \iota \omega \varsigma \quad \epsilon \nu \tau \omega \pi \epsilon$ $\rho \iota ~ \tau о v ~ \sigma \tau \epsilon \phi \alpha \nu 0 v ~ к а \gamma \omega ~ \sigma \tau \epsilon \rho$ $\xi \omega \kappa \alpha \iota \sigma \iota \omega \pi \eta \sigma\left[\begin{array}{l}0 \\ 0 \\ \hline\end{array} \mu \alpha \iota \kappa \alpha \iota\right.$
 $\sigma \iota \omega \pi \eta \sigma \iota \pi \alpha \lambda \iota \nu \quad € \downarrow \quad \tau_{\bullet} \omega{ }^{\mu} \epsilon$ $\rho \in \iota$ ката $\tau[a] \cup \tau \alpha \delta_{\epsilon} \kappa \alpha \iota a$ коvбоцає кає акоvбєє кац акоубєтаı каı $\pi \eta \delta \eta \sigma о \mu \alpha \iota$
 correct，$=$ ó．

2－4．The line from the 「 $\bar{\eta} p a s$ cannot be correct as quoted，but is easily emended，e．g．
 which is obviously to be read, the copyist lapsed into the non-Attic vioatpøфvov, but after noticing the error unintelligently made only a partial correction; there is no form бтірфиós.
${ }^{5-7}$. 1. $\sigma$ riфpas. If the $a$ at the beginning of 1.6 has been correctly cancelled by the copyist, something has dropped out either before or after $\sigma$ riфpas. The final $s$ of $\epsilon \sigma о \mu \varepsilon \nu a s$ was converted from $\iota$.
8. Instances of the shortening of the second $a$ in Sápanıs are found only in Latin (e. g. Prudent. Adv. Symm. ii. 53 1). The 'E $\gamma \chi \epsilon \rho$ ifiov is no doubt that of Menander, who was the last author to be mentioned.
 ríyooда⿱ $\lambda$ éyoutєs.
12. $1 . \bar{\gamma}$ for $\bar{\tau}$ : the converse error occurs in 1. 16 .
13. เof $\mu a \lambda \iota \sigma \sigma a$ is written through $\lambda$, i.e. $\mu a \lambda \lambda o \nu$ was first written.


 the top of a vertical stroke, so that neither A[pirtoфauns (cf. Eq. 952) nor $\Delta\left[\eta \mu o \sigma \theta \epsilon \eta \eta_{s}\right.$ is probable.
19. $\pi о \lambda \lambda$ акєıs: $\epsilon$ has been converted from $\iota \sigma$.
22. Фi入aó $\epsilon \phi$ ois: of Menander presumably.

23-6. Two iambic verses apparently, but the first cof $\chi \omega$ ciótov should be short and ró is likely to have preceded.

 $\sigma v \mu ф о \rho a ́ \cdot ~ \sigma v \nu \tau v \chi i a . ~ \sigma v ́ \mu \pi \tau \omega \tau а . ~ a ̀ т v \chi i ́ a . ~ I n ~ I . ~ 29 ~ l . ~ a \gamma а \theta \eta \nu . ~$
$3^{\mathrm{I}-4}=E q .655^{-6}$. The papyrus supports the usual reading єi$\sigma \eta \gamma \boldsymbol{\epsilon} \lambda \mu \epsilon$ 'vats. R omits $\epsilon \iota \sigma$, whence Cobet proposed à $\gamma \mathrm{a} \theta a i \sigma \iota$ таîs $\eta$ $\gamma \gamma \epsilon \lambda \mu$.
 cieisciv, which is used metri gratia, e. g. in Pythag. Carm. aur. 35 , but there seems to be no instance of $\sigma v v_{i} \theta$. apart from augmented forms.
$3^{6-7}$. This is no doubt part of a note on $\sigma \chi 0 \lambda \hat{\eta}$ in the sense of $\beta \rho a \delta \dot{\epsilon} \omega s$ or ovं $\delta a \mu \omega \bar{\omega}$.
 play of Menander ; cf. ll. 8, 22, nn.

 and Dem. In Dionysod. 7. In 1. 41 the papyrus correctly agrees with the 'deteriores' against CBAE in omitting кai nóтov after oırov. In 1.52 the reference may be to Anab. v. 4. 29 and $\sigma[\iota \tau \omega$ can be read; but Av[a]ßact is not very satisfactory, though $\tau \eta$, which seems to be right, points to that work or the Cyrop., which is irreconcilable with the remains, $\tau \eta$ avt $\eta$ being also unsuitable.
 illustration of the word $\sigma \pi a ́ v i s . ~ C f . ~ P h o t i u s ~ a n d ~ S u i d a s ~ \sigma \pi a ́ v s s^{*} \notin \delta \delta \iota a . ~ E i t h e r ~ \sigma \pi a ́ v ı \nu$ preceded $\tau \hat{\omega} \nu \dot{\epsilon} \pi \tau \tau$. in the papyrus, or it was omitted.

 spells the equivalent of $\xi v \rho \eta \eta^{\prime} \sigma \omega s$ cỉoos, $\sigma a \beta \dot{v} \tau \tau \eta s$, but Hesych. is confirmed by the papyrus. 1l. $5^{8-9}$ look like a pair of trochaic acatalectic dimeters (cf. e. g. Aristoph. Av. 1478-80), but if so, there is apparently some corruption in 1.58 , where, though it would be easy to write $\omega \boldsymbol{\omega}\langle\epsilon\rangle \mu^{\prime}$, the preceding word remains a difficulty. The doubtful $\kappa$ after кaı can be
$x$ or $\zeta ; \eta \sigma$ is probable, but ws very uncertain. There is a reference to a kovpeís in an already extant fragment of the Xp. T'év. (Kock 278).
61. $\sigma \omega \pi \eta \sigma \epsilon \iota: \epsilon$ has been converted from $\iota$.

62-4. De Cor. 112. I. $\sigma \omega \pi \eta \sigma \rho \mu a t$, as originally written.
$6_{5}$. Фavict : the papyrus confirms the spelling of this title, as to which there has been some doubt.
66. $\epsilon \nu \tau \omega$ is very uncertain, but consistent with the meagre vestiges.

Fr. $4 \quad 16.6 \times 13.4 \mathrm{~cm}$.
Third century.
Fragments of a roll containing an alphabetical series of oratorical terms with notes thereon, the pieces preserved dealing with words which begin with the letters $\Pi, P, \Sigma$. They are written in well-formed sloping uncials of medium size, in style recalling P. Rylands 57 (Vol. i, Plate 10), though perhaps of a somewhat later date. An angular sign, the angle pointing to the left instead of, as usual, to the right, is used to fill up short lines. As in 1801-2, the terms to be explained are given prominence by a slight protrusion into the margin and by the short blank spaces which follow them. A second hand, using ink of a different shade, has introduced one or two alterations.

Many of the words included in this glossary occur also in Harpocration, but its relations to that standard authority are less close than to the $\Lambda \dot{\epsilon} \xi \epsilon \epsilon$ ' $\mathrm{P} \eta$ торикаí Seguerianae edited by Bekker in Anecd. i, pp. 197-318. This affinity is evident not only in the substance of the glosses but also in their order, e.g. the four
 same sequence in Anccd. pp. 295-6, though separated there by a few
 and $\sigma к є \iota \rho а ф є i ́ a, ~ \sigma v \mu \mu о \rho i ́ a, ~ \sigma v \mu \mu о \rho i ́ \eta \eta s, \sigma \dot{u} \mu \beta о \lambda о \nu$ are successive, corresponding to Frs. 3 and 4 of 1804 with one additional word in each fragment (Fr. 3. 5-8 [ ? ], Fr. 4. 4-6 $\sigma \tau \rho a \tau \eta \gamma o i)$. Material similarities are pointed out in the commentary, and though such matter is often common to e.g. Photius and the Etymologicum Magnum, the verbal correspondence is generally greatest with the Seguerian $\Lambda_{\epsilon} \dot{\xi} \xi \in \mathrm{E}$; see for instance Fr. 4. 14, n. (on the other hand, for a coincidence with Photius, Frs. $1+2.9-13, n$.). Points of difference between the $\Lambda \dot{\epsilon} \xi \in \in s$ of the papyrus and the Cod. Seg. are the omission in the latter, with a single exception, of the series of proper names in Frs. I +2. ii, most of which, on the other hand, figure in Harpocration, and the disappearance of citations of authorities, to which 1804 occasionally refers (Demosthenes Fr. 4. 16, Aeschines Frs. 1+2. 9, Hyperides Fr. 4. 5, Dinarchus Fr. 3. 7). The relationship is nevertheless
distinct enough, and if the papyrus 1 é $\xi \in t s$ were not among the more or less immediate sources of the Seguerian, the two compilations must have had a common ancestor.

Frs. it2. Col. i.
 $[\sigma \iota \nu$ ayout $\nu \eta s$ тov $A] \pi 0 \lambda[\lambda] \omega[\nu 0$. . . .
 [. . . . . . . . . . . . . .] сть Пuөaєis $A \theta \eta$
5 [ $\nu ..] \ldots[$. . . . . . . . $]$ ap apatos a $\alpha \tau \rho a<$

 . $\alpha[$.$] ] \alpha / \sigma \cdot[$. . . . . . . . $]$
$\pi \rho o \sigma \tau \rho o \pi\left[a \iota o s A_{i}\right] \sigma \chi \iota \nu \eta S \in \nu \tau \omega l \pi \epsilon$
$10 \quad \rho l \tau \eta S \pi \alpha[\rho \alpha \pi \rho \in \sigma \beta \epsilon l a] s \delta \alpha l \mu \omega \nu \tau i S \in$
$\pi \iota \tau \omega \nu \quad a[\lambda \iota \tau \eta \rho \iota \omega \nu$ ? $\omega] \nu \nu \mu \alpha \sigma \theta \eta \sigma \alpha \nu \delta \epsilon$
 ous $\lambda \alpha \beta$ ovt[ $\epsilon S$ т $\quad$ робтротаıol]
$[\pi] \in \rho \iota \sigma \tau a \tau 0 \iota\left[\begin{array}{ll}{[ } & \text { ol } \pi \in \rho \iota \beta \lambda \epsilon \pi \tau 0] \iota \\ \hline 0\end{array}\right.$
 $[\tau \alpha l] s \leqslant[\sigma \pi \epsilon \rho \in \phi o \delta \iota o \nu . . . ..] \cdot[. .$.

## Frs. I + 2. Col. ii.

[.] . . [

Mato[viסal? $\quad \eta \mu$ оs тךs $A \in o \nu \tau \iota \delta o s ?$
20 Пa< $\omega[\nu \epsilon s$ ?

$\Pi_{\epsilon \rho \gamma \alpha[\sigma \eta \quad \delta \eta \mu o s ~ \tau \hat{\eta} s} E \rho \in \chi \theta \eta i \delta o s ?$
Пєєрa[८є⿱s? $\lambda \iota \mu \eta \nu$ A $\theta \eta \nu \eta \sigma \iota \nu$ ?
$[\Pi] \in \rho \ell \theta[0 \iota \delta a \iota \quad \delta \eta \mu o s$ т $\eta s$ Oıv $\quad$ iסos?
${ }^{2} 5$ [. .].. [

Fr. 3.
[ $\rho o s \pi \rho \alpha \xi \alpha \nu \tau o s \quad \pi \iota \quad \eta$ र $\rho \alpha \psi \alpha \nu \tau]$ ]os $\eta \in[\iota$

 [. . . . . . . . . . . . . . . .]
5 [ $\ldots . . .$. ? $\sigma \eta \mu \alpha \iota \nu \epsilon \iota]$ $\mu \in \nu$ тоע $\tau \eta S \pi \alpha$ [. . . . . . . . . . . . . . .] $]$ as $\sigma \eta \mu a \iota \nu \epsilon \iota$ [ $\delta \epsilon$ ? . . . . . . . . . . . . . . .]код $\Delta \epsilon \iota \nu a \rho \chi o s$ [ $\epsilon \nu$ т $\omega \iota$ ката Подvєuкт]ov [ $\delta$ ] $\omega \rho о \delta о к \iota a s$ [ $\rho \omega \pi$ os $\quad \pi \alpha \nu \tau o \delta a \pi o s ~ \phi] o \rho \tau o s ~ \Delta \eta \mu o<$
 [ $\pi \alpha \rho \alpha \gamma \rho \alpha \phi \eta \nu$ ]


## Fr. 4.

 $\ddot{\epsilon} \in[\rho o \nu A \theta \eta \nu \alpha s \in \xi \omega \pi 0 \lambda \epsilon] \omega S \in \nu \theta \alpha$ ol $\kappa \nu \beta \epsilon[v \tau \alpha \iota \in \pi \alpha \iota \xi \sigma \nu]$
$\sigma \tau \rho a \tau[\eta \gamma \circ \iota]$ ! $\eta[\sigma \alpha], \nu \quad \eta \rho[\eta] \mu \in \nu O \iota \quad \phi \nu \lambda[\eta S$
$5 \epsilon \kappa \alpha \sigma[\tau] \eta S \quad \bar{\alpha} \ddot{\Upsilon} \pi \epsilon \rho \epsilon \iota \delta \eta S \quad \epsilon \nu \tau \omega \kappa \alpha[\tau \alpha$ Avтоклєоия
 $\alpha \nu \delta \rho \omega \nu \in \xi$ $\omega \nu \quad \eta \sigma \alpha \nu$ ol $\tau \rho \iota \eta \rho \alpha[\rho] \times[\alpha \iota$

10 $\nu \omega \nu$ оs ка८ $\phi \cup \lambda \epsilon \tau \eta s$ к $\alpha \iota ~ \delta \eta \mu о \tau \eta s$ [ $\eta \sigma \alpha \nu$ $\delta \epsilon$ тоvт $\omega \nu$ каl $\eta \gamma \epsilon \mu o \nu \epsilon s$ ol $\pi \alpha \rho$ аvт $\omega[\nu$ $\tau \alpha \alpha \nu \alpha \lambda \omega \mu \alpha \tau \alpha$ поьоv $\mu \epsilon \nu \circ \iota v \sigma \tau \epsilon \rho \circ, \nu$ [ $\delta \epsilon$


${ }_{15} \delta \iota \alpha$ т $\eta S \quad \phi \eta \mu \eta S \quad \gamma \epsilon \iota \nu \circ \mu \epsilon \nu_{\circ} \nu \in \pi[\iota \sigma \eta \mu \alpha \iota$ $\nu \in \iota$ кає т $\alpha$ $\sigma v \mu \beta o \lambda \alpha \iota \alpha \Delta \eta \mu \sigma \sigma \theta \epsilon \nu \eta[s \in \nu$

$\Phi_{\iota \lambda \iota \pi \pi \iota \kappa \omega \nu} \bar{\zeta} \sigma v \mu \beta 0 \lambda a \iota o v$ ס[ $\epsilon \epsilon \iota \delta \iota$ $\kappa \omega s$ र $\rho \alpha \mu \mu a \tau \epsilon \iota \nu$ $\tau l$ о $\in \lambda \alpha \mu \beta \alpha \nu \in \nu[\tau \omega \nu$ 



Frs. $1+2$. i. r-8. Apparently a note on $\Pi v \theta a \in ́ a$ or an analogous form. Cf. Bekker,

 a reference for $\Pi v \theta a \epsilon ́ a$ to Hyperides $\pi \rho \grave{s}{ }^{\prime} A \pi \epsilon \lambda \lambda a \hat{\imath} \circ \nu$. In l. I o of $\left.\epsilon\right] o \rho[\tau \eta s$ is very insecure and the initial supplement a little short, otherwise the restoration suggested suits well enough, and in view of other correspondences with this $A$ need. is not improbable. In 1. 5, if the word before appatos was $\epsilon \pi$, part of the $\pi$ should be visible. In l. 7 the $\epsilon$ is blotted and seems to have been cancelled. The first letter of 1.8 was either x or $\chi$.


 The reference in 1.9 is to Aesch. Fals. Leg. 158. In I. II a after $\tau \omega \nu$ is clear, so that
 seems preferable to the $\pi \rho \dot{\sigma} \sigma \tau \rho \circ \pi o r ~ o f ~ P h o t i u s, ~ w h i c h ~ i s ~ p e r h a p s ~ a n ~ e r r o r . ~ T h e ~ v e r b a l ~$ correspondence in l. 12 with Photius makes it preferable to omit oi before àvaıpouvzes rather than to emend $\dot{\epsilon \pi \epsilon \epsilon}$ oi to $\dot{\epsilon} \pi \epsilon \iota \delta \dot{\eta}$ with Naber.
 $\theta \in a ̄ \sigma \theta a \iota$ and the similar gloss in Etym. Magn. 665 . I3. Harpocrat. s. v. refers to Isocrates


15-16. Cf. Bekker, Anecd. i, p. 296, and Etym. Magn. 684. 8 торєíov tò סıóánevov roîs
 papyrus apparently had practically the same note, but the vestige of a letter or two at the end of the line is too slight to indicate what stood after $\epsilon$ фootov.






20．$\pi$ atwías occurs in Dem．De Cor． 287 ，but in this series of proper names，a mis－ spelling of Haioves is perhaps more likely than a derivative of חaı $\boldsymbol{\nu} \nu$ ．The form Пai $\omega \sigma \iota \nu$ occurs in Hesych．s．v．dúados．

21．Cf．Harpocrat．Пa
 $\delta \eta \mu \delta ́ \tau \eta s$ Пa入入 $\eta \nu \epsilon$ ús．



23．Пєєрatєús＇$\lambda_{\iota \mu \grave{\nu} \nu}{ }^{\prime} \mathrm{A} \theta_{\eta}^{\prime} \nu \eta \sigma \iota \nu$ is a gloss in Bekker，Anesd．i，p． 288.

Frr．3．1－4．These lines are evidently part of a note on $\rho \dot{\eta} \tau о \rho \iota к \grave{\eta} \gamma \rho a \phi \dot{\eta}$ ，beginning probably in the last line of the preceding column（ $\left[\rho \eta \tau о \rho \iota \kappa \eta \quad \gamma \rho a \phi_{\eta}\right.$ ．$\eta$ кала $\left.\rho \eta \tau \sigma\right]$ ）for which cf．e．g．Harpocrat．，who after referring to Isaeus＇speech against Euclides says ：ש̈ouє





 was evidently close to Photius and Bekker，Anecd．，but put the alternative explanations in the reverse order．

5－8．This gloss，for the form of which cf．Fr．4．14－15，remains unidentified．The





 X $\rho$ voímiov $\pi \rho o ̀ s ~ \tau \grave{\eta} \nu \Phi . \pi$ ．；the reference is to the C．Phorm． 9.

 but there is not room for $a \pi \lambda \omega s \mu \epsilon \nu$ ：perhaps $\rho v \tau \eta \rho \epsilon s$ ot cuavt $\boldsymbol{c}$ was written．




 seems to have lost in clearness owing to compression．

 very scanty but so far as they go suit the letters suggested．





 $\sigma v \mu \mu о \rho_{i} \eta s^{\circ} \sigma \eta \mu a i \nu \epsilon \iota$ 〉．The $\dot{\eta} \gamma \epsilon \mu \grave{\omega} \nu \sigma v \mu \mu \circ \rho i a s$（ll．11－13）is treated separately by

 papyrus is apparently not elsewhere stated. At the end of 1.7 kg , which is clear, is an error for $\kappa$ (cf. e.g. Dem. De Symm. I 7), perhaps arising from the ambiguity of an original $\epsilon \iota к о \sigma \iota \epsilon \xi \epsilon \xi \eta \kappa о \nu \tau a$, where $\epsilon \xi$ should have been read as $\dot{\epsilon} \xi$ not $\tilde{\epsilon} \xi$. The $\bar{\xi}$ is very uncertain, but the scanty remains are sufficiently suitable. In l. II $\pi a \rho$ aut $\omega \nu$ may be interpreted $\pi a \rho^{\prime}$ aí $\tilde{\omega} \nu$, but more probably $\pi a \rho$ is a mistake for $\dot{\dot{u} \pi} \boldsymbol{\epsilon} \rho$, or $\dot{v} \pi \epsilon ́ \rho$ by a common misspelling became oıтє and then oı $\pi a \rho$.




 seventh Philippic but is otherwise dissimilar.

Fr. 5. $\pi] \lambda_{\iota} \nu \theta$ ots in l. 2 suggests that this may be part of a note on $\pi \lambda \iota \nu \theta \in i o \nu$, a word which occurs a little above ПuӨatós (cf. Frs. 1 + 2. i. i-8 n.) in Bekker, Anecd. i, p. 295

 upper part of Frs. $1+2$ i.

Fr. 6. 4. There is an appearance of a colon just in front of $\epsilon$ of $a \pi \eta \epsilon \iota$, but this may be due to a correction, e. g. perhaps the scribe began to write $a \pi \eta \lambda\left(\theta_{\epsilon}\right)$.
5. At the end of this line the second hand has made an alteration, and it is not clear what was originally written or what was intended to stand.

Fr. 7. That this fragment comes from the ends of lines is indicated both by 1.6 , where there is a narrow margin after the remains of the final letter, and in 1.8 by the lengthening of the cross-bar of the supposed $\epsilon$, which might also be read as the dash used for filling a short line.
6. Probably $\rho \circ$ or $\operatorname{pos}$ ( $\pi \rho o s ?$ ?).

## III. EXTANT CLASSICAL AUTHORS.

## 1805. SOPHOCLES, Trachiniae.

Fr. $1510 \times 9.6 \mathrm{~cm} . \quad$ Late second century.
These scattered fragments from a roll of the Trachiniae are in a mediumsized hand of the common sloping type, of which it is a fair specimen, though less regular than e.g. 1800. Some annotations in cursive point to a date in the latter part of the second century rather than the beginning of the third. Stops in all three positions occur, and accents, breathings, and marks of elision and quantity have been introduced not infrequently, some at any rate of these being no doubt subsequent additions, due probably to the corrector whose hand is to be distinguished here and there.

Textually these fragments are, in the main, conservative. A few new readings occur, including one or two which are definite improvements, e.g. 1. 1136, where a generally accepted correction is confirmed. For one of the unknown variants the authority of, probably, Aristophanes of Byzantium is cited. On the other hand, the papyrus apparently agrees with the MSS. in a passage requiring alteration on metrical grounds, and occasionally offers evidence which is inferior to theirs. In supplementing lacunae, Jebb's text has been followed, of course with no implication that the papyrus necessarily agreed with it.

Possibly further additions may eventually be made to the remains of this MS., the script of which is with difficulty distinguished from that of numerous other fragments which accompanied them.

Fr. I.
$[\delta \rho \alpha \kappa \omega \nu$ є入ıктоS $\alpha \lambda \lambda о \tau ~ \alpha \nu \delta \rho \epsilon \iota \omega \tau v] \pi[\omega$


15 [ $\tau \circ \circ \circ \nu \delta$ єу $\mu \nu \eta \sigma \tau \eta \rho \alpha \pi \rho \circ \sigma \delta \epsilon \delta \epsilon \gamma \mu]\{[\nu \eta$
[ $\delta v \sigma \tau \eta \nu 0 s$ a $\alpha \iota \kappa \alpha \tau \theta \alpha \nu \epsilon \iota \nu \quad \epsilon \pi \epsilon \nu \chi 0 \mu] \eta \nu$ [
[ $\pi \rho \iota \nu$ т $\tau \sigma \delta \epsilon \epsilon$ коוт $\eta$ S $\epsilon \mu \pi \epsilon \lambda \alpha \sigma \theta \eta \nu] \alpha i ́ i n[0 \tau \epsilon$ [X $\rho \circ \nu \omega \delta \epsilon \epsilon \nu \quad v \sigma \tau \epsilon \rho \omega \quad \mu \epsilon \nu \alpha \sigma \mu \epsilon \nu \eta] \delta \epsilon \mu[0 \iota$
 20 [os $\epsilon \iota$ a $\alpha{ }^{2} \omega \alpha$ $\left.\tau \omega \delta \epsilon \sigma \nu \mu \pi \epsilon \sigma \omega \nu \mu\right] \alpha \chi \eta s$ [ $[\epsilon \kappa \lambda \nu \epsilon \tau \alpha \iota \quad \mu \epsilon \kappa \alpha \iota \quad \tau \rho \circ \pi о \nu \quad \mu \epsilon \nu \quad \alpha \nu \pi] \quad \nu \omega[\nu$

Fr. 2.

37 [ $\epsilon \nu] \tau \alpha[v \theta \alpha \delta \eta \mu \alpha \lambda \iota \sigma \tau \alpha \quad \tau \alpha \rho \beta \eta \sigma \alpha \sigma \quad \in \chi \omega$
 $[\eta \mu \epsilon]<S \mu[\epsilon \nu \in \nu T \rho \alpha \chi \iota \nu \iota \tau \eta \delta \alpha \nu \alpha \sigma \tau \alpha \tau 0 \iota$

Fr. 3.

275 [0 $\tau \omega \nu \alpha \pi \alpha \nu \tau \omega \nu Z_{\epsilon v S} \pi \alpha \tau \eta \rho$ O $\left.0 \nu\right] \mu \pi \tau \cdot \omega \nu[$.
[ $\pi \rho a \tau o \nu \nu \nu \nu \in \xi \in \pi \in \mu \psi \epsilon] \nu \cdot$ ov $\eta \quad \eta \nu \in \sigma \chi \in \tau[0$
[oӨovvєк $\alpha v \tau o \nu ~ \mu o v \nu o \nu] ~ \alpha \nu \theta \rho \omega \pi \omega \nu \quad \delta o[\lambda \omega$
[ $\epsilon \kappa \tau \epsilon \iota \nu \in \nu$ єı $\gamma \alpha \rho \quad \epsilon \mu \phi \alpha \nu] \omega[s] \eta \mu \tilde{v} \nu \alpha \tau 0$

$280[\nu \beta \rho \iota \nu \gamma \alpha \rho$ ov $\sigma \tau \epsilon \rho \gamma 0 v \sigma \iota \nu$ ov $\delta \epsilon \delta] a \iota \mu \nu \nu \in[s$
$\left[\kappa \epsilon \iota \nu 0 \iota \delta\right.$ $\left.v \pi \epsilon \rho \chi^{\lambda \iota o \nu \tau \epsilon s} \epsilon\right] \kappa[\gamma] \lambda \omega \sigma \sigma \eta s$ ка[ $\kappa \eta s$
[avtol $\mu \epsilon \nu$ Aıסov $\pi \alpha \nu \tau \epsilon s$ ] єīt oıкךторєs


Fr. 4.


 $[\tau \omega \nu \mu \epsilon \nu \pi \alpha \rho o \nu \tau \omega \nu \quad \tau \alpha \delta \epsilon \pi] \in \pi \nu \sigma \mu[\epsilon \nu \eta$ 入o $\alpha \omega$

Fr． 5 ．
$301\left[\begin{array}{lll}\alpha \iota & \pi \rho \iota \nu & \mu \epsilon\end{array}\right] \nu \eta \sigma \alpha[\nu \quad \epsilon \xi \in \lambda \in \nu \theta \epsilon \rho \omega \nu \quad \iota \sigma \omega S$



Frs．6－10．
aүo］pa $\sigma v v \in \xi[\eta к o v o v$
$\lambda \in]$ ］$\mu \mathrm{y} \mathrm{y} \mathrm{c}$ тavt［a

 $[\epsilon \gamma] \kappa \lambda \eta \mu \alpha[\mu \iota \kappa \rho \circ \nu] \alpha \iota \tau \iota \alpha \nu \theta^{\prime} \in \tau o[\mu \mu \sigma \alpha s$ $[\epsilon \pi \iota] \sigma \tau \rho \alpha \tau \epsilon[\nu \epsilon \iota \pi \alpha \tau \rho \iota \delta] \alpha \quad \tau \eta \nu \quad \tau \alpha v[\tau \eta S \quad \epsilon \nu \quad \eta$
 $[\kappa \tau \epsilon] \nu \in \iota[\nu] \tau[\alpha \nu \alpha \kappa \tau \alpha \pi \alpha \tau \epsilon \rho] \alpha \quad \tau \eta \sigma \delta[\epsilon \kappa \alpha \iota \quad \pi 0 \lambda \iota \nu$
 5 lines lost
$37 \circ[\delta \epsilon \sigma \pi 01] \nu$ 占 $\tau 0 v \delta\left[\epsilon \tau v \gamma \chi^{\alpha \nu \omega} \mu \alpha \theta \omega \nu \pi \alpha \rho \alpha\right.$ $\left[\begin{array}{ll}\kappa \alpha \iota & \tau \alpha \nu\end{array}\right] \tau \alpha \pi 0 \lambda \lambda[0 \iota \pi \rho o s \quad \mu \epsilon \sigma \eta$ T $\quad \pi \alpha \chi \iota \nu \iota \omega$ ［ $\alpha \gamma 0 \rho \alpha] \sigma v \nu \in \xi \eta[\kappa o v] o \nu \omega \sigma \alpha[u \tau \omega s \in \mu o \iota$ $\left[\begin{array}{ll}\omega \sigma \tau & \epsilon \xi\end{array}\right] \in \lambda \epsilon \gamma X \epsilon \iota \nu\left[\begin{array}{ll}\epsilon \iota & \delta\end{array}\right] \epsilon \mu \eta \quad \lambda \epsilon \gamma[\omega \quad \phi \iota \lambda \alpha$

 $[\tau \iota \nu \quad \epsilon \iota \sigma] \delta \epsilon \delta \epsilon \gamma \mu \alpha[\iota \pi] \eta \mu \circ \nu \eta[\nu$ vтобт $\epsilon \gamma \circ \nu$ $[\lambda \alpha \theta \rho \alpha] \iota o \nu \cdot \widehat{\omega} \delta v[\sigma \tau \eta \nu 0 s a] \rho{ }^{\prime} \alpha[\nu \omega \nu v \mu o s$ $[\pi \epsilon \phi \cup] \kappa \epsilon \nu \quad \omega \sigma \pi[\epsilon \rho$ ou $\pi \alpha \gamma] \omega[\nu \quad \delta i \omega \mu \nu v \tau \circ$
 380 ［ $\pi \alpha \tau \rho \circ] s \quad \mu \epsilon \nu$ ov $\sigma \alpha$［ $\gamma \in \nu \in \sigma \iota \nu$ Evpuтоv $\pi о \tau \epsilon$ ［Io入 $\quad$ ка］$\lambda \epsilon \epsilon \tau 0 \cdot \tau \hat{\eta} s$ єкє $\nu[$［os ov $\delta \alpha \mu \alpha$ $[\beta \lambda \alpha \sigma \tau \alpha s] \epsilon \phi \omega \nu \epsilon \iota \delta \hat{\eta} \theta \epsilon \nu$［ov $\delta \epsilon \nu \iota \sigma \tau 0 \rho \omega \nu$ ［о入о८vто］$\mu \dot{\eta} \tau \iota \pi \alpha \nu \tau \epsilon S$ о $\iota$ какоь $\tau \alpha \delta \epsilon$ $\left[\begin{array}{lll}\lambda \alpha \theta \rho \alpha \iota & 0\end{array}\right] s \cdot \bar{\alpha} \sigma \kappa \epsilon \in\left[\begin{array}{ll}\imath & \mu\end{array}\right] \eta \quad \pi \rho \epsilon \pi[0 \nu \theta$ аvтढ $\kappa \alpha \kappa \alpha$
$385[\tau \iota$ Xpך $\pi \circ \epsilon] \iota \nu \quad \gamma[\nu] \nu \alpha \iota \kappa \epsilon s \quad \omega[s$ є $\gamma \omega$ 入oyots
[Toוs $\nu v \nu \pi] \alpha[\rho o v \sigma]<\nu \quad \epsilon \kappa \pi[\epsilon \pi \lambda \eta \gamma \mu \epsilon \nu \eta$ кv $\rho \omega$


Fr. 1 .
 [ $\tau \eta \mu$ os $\theta v \rho \alpha \iota] o s ~ \eta \lambda\left[\theta o v\right.$ ws v $\mu \alpha s \lambda^{\lambda} \alpha \theta_{\rho \alpha}$
$\left[\begin{array}{cc}\tau \alpha & \mu \epsilon \nu \quad \phi \rho \alpha \sigma o] \nu \sigma \alpha\end{array}\right][\epsilon \rho \sigma \iota \nu \quad \alpha \tau \epsilon \chi \nu \eta \sigma \alpha \mu \eta \nu$
535 [ $\tau \alpha$ \& оьа $\pi \alpha \sigma \chi] \omega$ [ $\sigma v \nu \kappa а т о \iota к \tau \iota о \nu \mu \in \nu \eta$

Frs. 12, 13.
576 [ $\tau \eta s$ Нрак入є $\epsilon \alpha s$ $\omega \sigma \tau \epsilon \mu] \eta \tau \iota \nu \epsilon \epsilon[\sigma \iota \delta \omega \nu$
 [тout $\epsilon \nu \nu 0 \eta \sigma \alpha \sigma$ $\omega \phi \iota \lambda] \alpha[\iota$ do $\mu \circ<s$ रap $\eta \nu$

$580[\chi \iota \tau \omega \nu \alpha$ тov $\epsilon \beta \alpha \psi \alpha \pi] \rho \rho \sigma \beta \alpha \lambda[$ ova o $\sigma \alpha$


## Fr. 14.

 $\delta \omega \rho \rho \eta \mu$ ' $\epsilon \in[\epsilon L \nu \omega \tau \alpha \nu \delta \rho l \tau \eta S \in \mu \eta S$ X $\in \rho \circ S$

605 кєเvov $\pi \alpha \rho[0 \imath \theta \epsilon \nu \quad \alpha \mu \phi \iota \delta \cup \sigma \epsilon \tau \alpha \iota$ Xpoı


Fr. 15 Col. i.
$744[\pi \omega S \epsilon \iota \pi \alpha S \omega \pi \alpha L$ Tov $\pi \alpha \rho \alpha \nu \theta \rho \omega \pi \omega \nu] \stackrel{\mu}{\pi}{ }^{\theta}$

Fr. 16.

763 [каl $\pi \rho \omega \tau \alpha] \mu \epsilon \nu$ [ $\delta \epsilon \iota \lambda \alpha l o s ~ i \lambda \epsilon \omega \quad \phi \rho \epsilon \nu \iota$


Fr. 15 Col. ii.
 [к]ра̄тоs $\delta \iota \alpha \sigma \pi \alpha \rho \epsilon \nu \tau о s$ [ $\alpha \iota \mu a \tau о s$ $\theta$ оцоv. $\delta$


 $[\epsilon \sigma] \pi \alpha \tau о \quad \gamma \alpha \rho \quad \pi \epsilon \delta o \nu \delta[\epsilon]$ ка[ $\llcorner\mu \epsilon \tau \alpha \rho \sigma \iota \circ s$

Аокршv opєtol $\pi \rho \omega[\nu] \in s$ E[vßolas $\tau$ акрає $\epsilon \pi \epsilon \iota \delta \alpha \pi \epsilon \iota \pi \epsilon \pi \pi 0 \lambda \lambda \alpha \mu \epsilon\left[\nu\right.$ т $\alpha \lambda \alpha \Omega \chi^{\text {Oov }}$

то $\delta \grave{v} \sigma \pi \alpha ́ \rho \epsilon \nu \nu 0 \nu \lambda \epsilon \kappa \tau \rho \sigma \nu[\epsilon \nu \delta a \tau 0 \nu \mu \epsilon \nu \sigma$
 a
oוov кат $\alpha \sigma \tau \eta \sigma \alpha \iota \tau о \quad \lambda \nu \mu[\alpha \nu \tau \eta \nu$ ßıov
тót' єк тробєठоо⿱ $\lambda \iota y \nu v o s ~ \delta[\iota a \sigma \tau \rho о ф о \nu$
 бакрирооиข $\tau \cdot$ кає $\mu \epsilon \pi \rho[\rho \sigma \beta \lambda \in \psi \alpha s$ кал $\epsilon \iota$
$\omega \pi \alpha \iota \pi \rho о \sigma \epsilon \lambda[\theta \epsilon] \cdot \mu \eta$ фиу $\eta[s$ тоидоу какоу

Fr. 17.

[ка८ $\mu \in \gamma \alpha] \lambda \alpha \nu[\alpha \tau \alpha \nu$
$[\epsilon \rho \rho \omega \gamma \epsilon \nu] \pi \alpha \gamma \underset{\bullet}{\alpha}[\delta \alpha \kappa \rho \nu \omega \nu \quad \kappa \epsilon \chi \nu \tau \alpha!$ ?
[vogos ?] $\omega \pi \pi \pi[01$ olov avapot $\omega \nu$
[ov $\pi \omega$ а $\alpha \alpha] \kappa \lambda \epsilon\{$ เтоv

Fr. 18.
$\left[\begin{array}{lllll}\tau \iota & \delta & \omega & \gamma \in \rho \alpha \iota \alpha & \kappa\end{array}\right] \alpha \iota \nu 0[\pi 0 \iota \eta \theta \in \nu \quad \lambda \in \gamma \in \iota s$
$[\beta \in \beta \eta \kappa \epsilon \Delta \eta \iota] \alpha \nu \epsilon \iota \rho[\alpha \quad \tau \eta \nu \pi \alpha \nu v \sigma \tau \alpha \tau \eta \nu$
$875[0 \delta \omega \nu \alpha \pi \alpha \sigma \omega] \nu \in \xi \quad \alpha \kappa[\iota \nu \eta \tau 0 v \pi o \delta o s$
[ov $\delta \eta \pi o \theta$ ws $\theta \alpha] \nu o v[\sigma \alpha$
[ $\pi \alpha \nu \tau \quad \alpha \kappa \eta \kappa о \alpha s]$
$[\tau \epsilon \theta \nu \eta \kappa \in \nu \quad \eta \quad \tau \alpha] \lambda \alpha \iota[\nu \alpha$

Fr. 19.
[ $\omega$ тat $\gamma \in \nu 0 v$ رol $\pi \alpha \iota s \in \tau] \eta \tau v[\mu o s \quad \gamma \in \gamma \omega s$
${ }_{1065}$ [каь $\mu \eta$ то $\mu \eta$ троs оvo] $\mu \alpha \pi \rho \in[\sigma \beta \epsilon v \sigma \eta s \quad \pi \lambda \epsilon o \nu$

$[\epsilon S$ X $\epsilon \iota \rho \alpha$ т $\eta \nu \tau \epsilon \kappa 0 \nu \sigma \alpha] \nu$ $\omega s \in \iota \delta \omega[\sigma \alpha \phi \alpha$
[ $\epsilon \ell$ тоv $\mu \circ \nu$ $\alpha \lambda \gamma \epsilon \iota S \mu \alpha \lambda \lambda 0] \nu \quad \eta \in[\iota \nu \eta S$ op $\omega \nu$
[ $\lambda \omega \beta \eta \tau$ оу $\epsilon \iota \delta$ оs $\epsilon \nu \delta \iota \kappa \eta]$ какоv[ $\mu \in \nu о \nu$

[ $\pi 0 \lambda \lambda о \iota \sigma \iota \nu$ oוкт $\rho \circ \nu$ обтl]s $\omega \sigma \tau \epsilon[\pi \alpha \rho \theta \epsilon \nu O S$
$[\beta \epsilon \beta \rho \nu \chi \alpha$ к $\lambda \alpha \iota \omega \nu$ каl $\operatorname{\tau o\delta }$ оv] $] \quad \alpha \nu$ [ $\epsilon ו S \pi о \tau \epsilon$
$[\tau о \nu \delta \alpha \nu \delta \rho \alpha$ фаוך $\pi \rho о \sigma \theta \quad \iota] \delta \epsilon[\iota \nu \quad \delta \in \delta \rho \alpha к о \tau \alpha$

Frs. 20, 21.
$[\pi \rho o s ~ \tau о ⿱ ~ т \epsilon \rho а s ~ т о \iota ~ \delta \iota \alpha ~ к а к \omega] \nu ~ \epsilon \theta \epsilon \sigma \pi[\iota \sigma \alpha s$

 [ $\kappa \alpha \nu$ oov $\sigma \tau \rho \alpha \phi \epsilon \iota \eta$ $\theta v \mu o s$ ? $\epsilon \iota]$ Ş To $\pi \alpha \nu \mu a \theta[o \iota s$
 [ $\alpha \pi \alpha \nu$ то $\chi \rho \eta \mu \quad \eta \mu \alpha \rho \tau \epsilon]$ X $\rho \eta \sigma \tau \alpha \mu \omega \mu[\epsilon \nu \eta$
 $[\sigma \tau \epsilon \rho \gamma \eta \mu \alpha$ रap $\delta о к о \nu \sigma \alpha \pi] \rho o \sigma \beta \alpha \lambda \epsilon \epsilon \nu \cdot \sigma \epsilon[\theta \epsilon \nu$ $[\alpha \pi \eta \mu \pi \lambda \alpha \chi$ 由s $\pi \rho \circ \sigma \epsilon \epsilon] \delta \epsilon$ тous $\epsilon \nu \delta[0 \nu$ र $\gamma \mu \mu$ ous






 $[\kappa \alpha \lambda \epsilon \iota$ то $\pi \alpha \nu \mu o \iota \sigma \pi \epsilon \rho \mu \alpha \sigma] \omega \nu[о \mu \alpha \iota \mu \nu \nu \omega \nu$

Fr. 22.

$[\sigma \pi \alpha \rho a \gamma \mu o \nu \quad \eta$ Tıv ol $\sigma \tau \rho o \nu \epsilon] s \pi \grave{v} \rho \alpha[\nu \quad \mu \epsilon \theta \eta s$
1255 [ $\alpha \gamma$ єукоעєוт $\alpha \iota \rho \epsilon \sigma \theta \epsilon \pi \alpha \nu \lambda \alpha$ т]о九 как[ $\omega \nu$ [ $\alpha \nu \tau \eta ~ \tau \epsilon \lambda \epsilon \cup \tau \eta$ $\tau 0 v \delta \epsilon \tau \alpha \nu \delta \rho o s]$ v $\sigma \tau \alpha[\tau \eta$ $[\alpha \lambda \lambda$ ov $\delta \epsilon \nu \quad \epsilon \iota \rho \gamma \epsilon \iota$ ool $\tau \epsilon \lambda \epsilon \iota \circ v \sigma \theta] \alpha \iota \tau \alpha[\delta \epsilon$

Fr. 2.3.
$\left[\begin{array}{ll}\tau \omega & \tau \eta \nu \delta \quad \alpha \tau \eta \nu \quad v \pi \epsilon \chi \circ \nu] \tau \iota\end{array}\right.$
1275 [ $\lambda \epsilon \epsilon \pi 0 \nu \mu \eta \delta \epsilon \sigma \nu] \pi \alpha \rho \theta \epsilon[\nu \in \pi$ оєк $\omega \nu$


> Fr. 24.
> $\bar{\Sigma} o \phi[o k \lambda \epsilon o v \underline{\bar{s}}$
> $\left[\bar{T} \rho a \chi^{\iota} \nu \iota a \underline{\bar{u}}\right]$
12. Unfortunately it is not clear whether the papyrus agreed with the MSS. in having $\tau v \pi \omega(l)$ Bovepavos, or supported Strabo's кúret ßoúrpụpos, which is generally preferred. On the whole $\tau v] \pi[\omega$ seems a more satisfactory reading than $\kappa v[\tau \epsilon$.
17. Bergk wished to reject this line.
275. Apparently $0 \lambda \nu \mu \pi \iota \omega \nu$ was originally written, but a dot between 1 and $\omega$ and a vestige of ink above the line point to the insertion of os as an alternative. The genitive would spoil the line.

281 . $k$ of $\epsilon]_{k}$ is directly above the first $\tau$ of $\epsilon \sigma \sigma$ in 1.282 , so that with $v \pi \epsilon \rho \chi \lambda \iota o v \tau \epsilon s$ (L first hand and lemma of Schol.) the number of letters in the respective lacunae coincides. But vit $\chi^{\lambda}$ 入 $\delta \omega \nu \tau \epsilon s$ (L corr. i A \&c.) cannot be excluded.
292. Since the initial lacuna is of the same length as in the three preceding lines, it is likely enough that the papyrus agreed with LA in reading $\tau \omega \nu \delta \epsilon$.

Frs. 6-10. The cursive note at the top of this column refers to $1.37^{2}$, and evidently
 inconsistency vanishing if ${ }_{\text {uyopạ }}$ is taken in the sense of assembly or gathering ; cf. Schol. dүорăं $\dot{\theta} \theta$ роírиагь. The reading suggested in the latter part of the third line is, however, highly doubtful, the $\mu$ being rather cramped and the s very insecure. $\lambda \omega \nu$ or $\tau \omega \nu$ is possible.

362-4. These verses have been much suspected, some critics bracketing ll. 362-3, others l. $3^{62}$ тìv тaúrns-l. $3^{6} 4$ тutépa.
364. The superfluous $\nu$ (due to the preceding infin. no doubt) has been crossed through, perhaps by a later hand.
370. $\hat{a}: \delta \bar{o}$ MSS., which is required by the preceding tò $\pi a \hat{a}$.
372. Cf. n. on Frs. 6-io above.
379. Whether the papyrus had картa or кає $\tau a$ cannot be determined.
534. So far as considerations of space are concerned, there is nothing to choose between фрақovara (L) and фрarovara (A).
576. $\mu$ ] $\eta \tau v: \eta$ suits the remains, which are inconsistent with ov.
579. $\epsilon \gamma \kappa \epsilon] \kappa \lambda \eta \mu \mu[\nu \nu \nu$ : a better spelling than that of $\mathrm{L}(-\kappa \lambda \epsilon \epsilon \mu-)$ or $\mathrm{A}(-\kappa \lambda \epsilon \epsilon \sigma \mu-)$, and already restored by Dindorf. The $\iota$ was probably added by a corrector, but the colour of the ink is indistinguishable.
602. Opposite this line on the edge of the papyrus, at a distance of 6 cm ., are the tips of two horizontal strokes, one 3 cm . above the other. They may either come from a marginal note referring to the previous column, or perhaps be the remains of a stichometrical figure, i.e. $\bar{\zeta}$, standing for 600 ; such figures are not always quite accurately placed.
744. $\pi a \rho \omega \nu$, which was inadvertently written originally, has been amended to $\mu a \theta \omega \nu$ by the second hand, which also inserted in the margin the (unknown) v. l. av $\rho_{\rho \omega \pi}$ ov, attributing it to $A \rho($ ), who is more probably Aristophanes than Aristarchus ; cf. 1174. vi. 5, where Ap( ) seems to be used side by side with Apıv( ) as an abbreviation of 'Apcrovo申ávys. Subsequently the pen was drawn through this marginal note and also, rather unaccountably,
through the final word of the line. Possibly $\alpha \nu \theta \rho \omega \pi \omega \nu$ was similarly cancelled and av $\begin{aligned} & \rho \omega \pi \\ & \end{aligned}$ $\mu a \theta \omega \nu$ rewritten above.
764. Why a was written again above the line is not evident, the original letter being sufficiently well formed.
781. [ $\kappa$ ] $\mu_{\eta}$ : кó $\mu \eta \bar{\prime}$ MSS., a reading retained by Jebb but often suspected. кó $\rho \sigma \eta s$,
 reading might be used as an argument in favour of a dative like Hense's копп.
783. avevфпи ${ }^{2} \sigma \epsilon \mathrm{v}$ : this reading had been restored by Brunck from Hesych. s. v.
 other MSS.
788. Jebb following Porson accepts $r^{\prime}$ after Auкр $\omega \boldsymbol{\omega}$ from Diog. Laert. x. 137, where 11. $787-8$ are quoted with several other variations from the MSS. reading, which the papyrus supports.

793. The alternative reading oan implies the corresponding v. l. $\lambda \nu \mu a \nu \tau \iota \nu$ later in the verse ; oiov . . . $\lambda \nu \mu a \nu t i ́ n ~ o n l y ~ M S S . ~$
796. סaкpupoovvta: analogous spellings are not infrequent in the papyri.

852 -4. Unfortunately the papyrus brings no light here. In 1.854 the MSS. reading
 doubtrul. кє $\chi$ voat vooros, if that was read, must have been divided between $11.85^{2-3}$, and кєұvтal would fill the space better than voros, but there is no evidence for that order.
1071. $\omega \sigma \tau \epsilon$ : L mistakenly has $\begin{gathered}\text { ërts. }\end{gathered}$

II 34. тo is preceded by something that looks like $\sigma$ surmounted by a rather thick dot; perhaps ets was inadvertently written and the superfluous $s$ subsequently cancelled; or the dot might be explained as a high stop after $\left.\theta v \mu{ }^{\circ}\right]_{\mathrm{s},} \mathrm{\epsilon}$ being omitted.
1135. A spot of ink on the edge of a hole above $\eta$ may represent a rough breathing or circumflex accent, but since there are other ink-marks above vo, they are all best regarded as accidental.
${ }^{\text {II }} 3^{6}$. $\mu \omega \mu[\epsilon \eta \eta$ confirms the correction of Heath, which according to Subkoff was the reading of $\mathrm{L}^{2} ; \mu \nu \omega \mu^{\prime} \varphi \eta$ LA \&c.
1138. The stop after $\pi]_{\rho o \sigma \beta a \lambda \epsilon \iota \nu}$ shows that $\sigma \in \theta \in \nu$ was constructed with $\dot{\pi} \pi \dot{\eta} \mu \pi \lambda a \kappa \epsilon$ instead of with $\sigma \tau e ́ p \gamma \eta \mu a$.
1141. Some other letter than $\epsilon$ was originally written before $\xi$; that the alteration was made by the first hand is possible, but uncertain.

I254. $\pi \dot{\tau} \rho \rho[\nu$ : the accent is a probable indication that $\mu \in \theta \eta s$ was regarded as one word, as in L, since otherwise an acute on the $a$ would be the normal accent. It is however possible that both accents were inserted, that on the a being lost.

Fr. 24. It is by no means certain that this small fragment of a title belongs to 1805.

## 1806. Theocritus, Idyll xxii.

Height 29 cm . Late first century. Plate IV (Col. iv).
Remains of four consecutive columns, of which the first two are represented by tiny scraps, with a small unplaced fragment. This was a handsome MS., the tall columns being carefully written in rather large uncials, round and upright, of an ornamental type exemplified in several Homeric papyri ; cf. also e. g. 844 and
1375. The cross-bar of $\epsilon$ and $\theta$ is placed rather high, as in P. Brit. Mus. 271 (cf. Kenyon, Palaeography, Plate 15). On the whole a date rather before than after the close of the first century seems appropriate. One stop occurs in the middle position (1.68), and there is also a doubtful rough breathing in the same line, and a circumflex accent in the unidentified fragment. A few corrections are from a second hand. An unusual feature in this roll is that the upper and lower margins are strongly tinged on the recto with yellow, probably due to cedar oil, which was used as a preservative against insects and gave a yellow tint (Vitruv. ii. 9. 13, Ovid, Trist. iii. I. 13).

The Hymn to the Dioscuri is not well represented in the MSS. of Theocritus, and fresh evidence of so early a date is welcome. In l. 40 an obvious correction of Stephanus is confirmed. But the papyrus, in spite of its early date, is less enlightening than 1618 ; it solves no crux, and its distinguishing feature is the presence of several unknown variants of rather neutral character, 1. 4.5

 a mixture of dialects similar to that found in the MSS., e.g. àmé $\nu$ 有s (so originally; $\dot{u} \pi \dot{\epsilon} \dot{\lambda} \theta o \iota s$ the corrector) and $\pi u ́ \kappa \pi a s ~ s i d e ~ b y ~ s i d e ~ w i t h ~ M a y \nu \eta ́ \sigma \sigma \eta s ~$ àтò $\nu \eta o ́ s$.

In the transcript below, the supplements follow the edition of Wilamowitz in the absence of any indication that the papyrus read otherwise; the collation appended is derived from the same source, supplemented by the edition of Ahrens.

## Col. i.


Col. ii.

38 [ $\nu \delta \alpha \tau \iota \pi \epsilon \pi \lambda \eta \theta v \iota \alpha \nu \alpha \kappa] \eta \rho[a \tau \omega$ a८ $\delta v \pi \epsilon \nu \epsilon \rho \theta \epsilon \nu$
$[\lambda \alpha \lambda \lambda \alpha \iota$ крибт $\alpha \lambda \lambda \omega \quad \eta] \delta \alpha \rho[\gamma v \rho \omega \quad \iota \delta \delta \alpha \lambda \lambda \nu \tau \circ$
Col. iii.

$\left[\begin{array}{ll}\lambda \epsilon \cup к \alpha \iota & \tau \epsilon] \pi \lambda \alpha[\tau \alpha] \varphi[0]!\end{array}\right.$. к[a८ $\left.\alpha\right] к р о к о \mu о \iota ~ к и \pi \alpha \rho \iota \sigma \sigma о \iota ~$
[ $\alpha \nu \theta \epsilon \alpha \tau$ т $\left.\epsilon \omega \delta^{\prime} \eta \lambda \alpha \sigma \iota \alpha \iota S ~ \phi \iota \lambda\right] \alpha \in \rho \gamma \alpha \mu \epsilon \lambda \iota \sigma \sigma \alpha \iota S$
$[0 \sigma \sigma \epsilon \alpha \rho o s ~ \lambda \eta \gamma o \nu \tau o s ~ \epsilon \pi \iota \beta] \rho \cup \epsilon \iota$ a $\nu \lambda \epsilon \mu \omega \nu \alpha$

 $[\sigma \tau \eta \theta \epsilon \alpha$ ס $\epsilon \sigma \phi \alpha \iota \rho \omega \tau 0 \quad \pi \epsilon \lambda] \omega \rho \iota \alpha$ кац $\pi \lambda \alpha \pi \nu \nu \omega[\tau 0 \nu$








$55[\chi \alpha \iota \rho \omega \pi \omega s$ oтє $\tau$ a $\alpha \delta \rho \alpha$ s op $\omega$ тovs $\mu] \eta \pi \rho \iota \nu$ o $\pi \omega \pi[\alpha$

 [ayplos єı $\pi \rho о s ~ \pi \alpha \nu \tau \alpha ~ \pi \alpha \lambda \iota \gamma к о т о] s ~ \eta[\delta ~ v \pi \epsilon \rho о \pi \tau \eta s$ [тоוooठ olov opas $\tau \eta$ S $\sigma \eta S \quad \gamma \epsilon \mu \epsilon \nu$ ] ouk $\epsilon[\pi \iota \beta \alpha \iota \nu \omega$
 $[\mu \eta \tau \epsilon \sigma v \mu \epsilon \xi \epsilon \iota \nu l \xi \epsilon \tau \alpha \delta \epsilon \xi \in \mu \epsilon \nu$ ovk] $\epsilon \nu \in \tau о \iota \mu \omega$ [ $\delta a l \mu o v t$ ov $\delta$ av $\tau 0 v \delta \epsilon \pi t \epsilon t \nu \nu \delta a \tau o] s$ $\sigma v \gamma \epsilon$ סolךs $\left[\begin{array}{llll}\gamma \nu \omega \sigma \epsilon \alpha \iota & \epsilon \iota & \sigma \epsilon \nu & \delta \iota \psi o s \\ \alpha \nu \epsilon \iota \mu] \epsilon \nu \alpha & X \epsilon \iota \lambda \epsilon \alpha & \tau \epsilon \rho \sigma \epsilon \iota\end{array}\right.$ [aprupos $\eta$ Tts o $\mu \iota \sigma \theta o s ~ \epsilon \rho \epsilon t s ~ \omega ~ к] ~ \epsilon \nu ~ \sigma \epsilon ~ \pi t \theta o ı \mu \epsilon \nu$



 [ $\epsilon \gamma \gamma v$ s opas ov $\gamma u v \nu t s ~ \epsilon \omega \nu(?) \kappa \epsilon \kappa \lambda \eta \sigma \epsilon] \theta$ o $\pi \nu \kappa \tau \alpha s$

## Col. iv. Plate IV.

 oos $\mu \epsilon \nu$ є $\gamma \omega \sigma v \delta[\epsilon \mu \circ s \kappa \epsilon \kappa \lambda \eta \sigma \epsilon \alpha \iota$ al кє кратך $\sigma \omega$
 $\epsilon \iota \tau$ ouv opvl $\theta \epsilon \sigma[\sigma \iota \nu$ єоוкотєs $\epsilon \iota \tau \epsilon \lambda \epsilon \sigma \nu \sigma \iota$

```
\epsilon
\gamma\iota\nuo\mu\epsilon0 ovк \alpha\lambda\lambda\omega [\kappa\epsilon }\mu\alpha\chi\epsilon\sigma\sigma\alpha\iota\mu\epsilon\sigma0 \epsilon\pi \alpha\epsilon0\lambda
75 \eta \rho A\muvкоs к\alpha\iota ко\chi\lambda[о\nu є\lambda\omega\nu \mu\nuк\eta\sigma\alphaто ко\iota\lambda\eta\nu
```



```
ко\nu\chiov фи\sigma\eta0\epsilon\nu[\tauоs ає\iota B\in\beta\rhouк\epsilonS ко\muо\omega\nu\tau\epsilons
\omegas \delta \alphav\tau\omegas \etaр\omega\alphas t\omega[\nu єк\alpha\lambda\epsilon\sigma\sigma\alpha\tau0 \pi\alpha\nu\tau\alphas
Ma\gamma\nu\eta\sigma\sigma\etaS a\pio \nu\etaos [v\pi\epsilon\iota\rhoo\chios \epsilon\nu \delta\alpha\iota Ka\sigma\tau\omega\rho
80 o\iota \delta \epsilon\pi\iota ouv \sigma\pi\epsilon\iota\rho\alpha\iota\sigma[\iota\nu \epsilonк\alpha\rhoтvva\nuto \betao\epsilon\iota\alphals
X\in\iota\rho\alphas к\alpha\iota \pi\epsilon\rho\iota \gamma\nu\iota\alpha [\mu\alphaк\rhoous \epsilon\iota\lambda\iota\xi\alpha\nu\nu \iota\mu\alpha\nu\tau\alphaS
```



```
[\epsilon\nu0\alpha \pio\lambda\nu\langles)] \sigmaф\iota\sigma\iota \mu0[X00s \epsilon\pi\epsilon\iota\gammaо\mu\epsilon\nuо\iota\sigma\iota\nu \epsilon\tauv\chi Ө\eta
[о\pi\piот\epsilon\rhoоs] кат\alpha [\nu\omega\tau\alpha \lambda\alpha\betaol фаоs \eta,\epsilon\lambda\iotaolo
```

Unidentified Fragment.
] $0 \mu \varphi[$
]ô $\tau[$
] $\rho \rho!$ - [
]. [
8. The fact that this small fragment is from the bottom of a column makes its identification with 1.8 probable; Col. ii will then have been one line longer than Col. iii.
39. That the papyrus had Ruhnken's $\lambda a \dot{\lambda} \lambda \lambda a$ in place of the ä̀ $\lambda \lambda a r$ of the MSS. is of course quite uncertain, but there would apparently be plenty of room for it.

41. $\pi \lambda$ aravo $\tau \epsilon$ is required, but cannot be read. The supposed ( (which is not o) is followed by another vertical stroke, after which there is a blank space of about two letters' width. It looks as if the scribe had begun to write kat immediately after $\pi \lambda a r a v o t$ and then changed his mind and left a space for the missing syllable. The loss of te may have been caused by a misunderstanding of $\lambda \in \hat{k} \alpha a u$, which was taken for $\lambda \in u \kappa a i$.
43. $\lambda_{\epsilon} \neq \omega v a$ : $\lambda_{\epsilon} \epsilon \mu \hat{\omega} \nu a s$ MSS.

49. кu入ı $\nu \delta$ © $[\omega \nu$ : кv入iivō $\omega \nu$ MSS.

62. סoins, as originally written, is correct.
63. єit $\sigma \rho v$. . . тíp $\sigma \epsilon$ MSS. ; the occurrence of tepatı with v. l. - $\sigma o \iota$ at the end of the line

64. є of $\pi \iota \theta \circ \iota \mu \epsilon \nu$ was converted from a vertical stroke.
 improvement, but is consistent with $\theta \epsilon \nu \omega \nu$, which also suits the space better than a shorter
 ó $\rho \theta a ́$ WM.
68. There is something above the line, though whether it was intended for a rough breathing is rather doubtful.
69. It is unfortunate that this line is not better preserved, though o $\pi v k \pi a s$, which Wilamowitz obelizes, is at any rate something. oủ ov́ $\mu \epsilon$ ả $\mu$ ós Tr., oủ yóvves ( $\gamma \dot{v} v i s$ M)
 (a corr.).
70. A short oblique dash in front of this verse has no evident significance. Cf. 694. 2 I.
77. коขхоข: ко́хдоч MSS.
82. ovvarou is the spelling of the MSS., as originally written here. Whether the termination is rightly read as $-\gamma \sigma[\nu$ is not clear ; the penultimate letter looks more like $\tau$ than $\gamma$, but the writer is apt to make the horizontal stroke project to the left, and this may be an extreme instance; moreover there is a suggestion of $\epsilon$ in the remains of the supposed o. $\xi v v a \tau \epsilon[$ would however be meaningless.
83. Consistency with the ordinary reading seems only to be obtained by the supposition of an original lipography of s, which may of course have been supplied subsequently.

Unidentified fragment. This small piece is apparently in the same hand as the other fragments, though there is no instance in them of an accent (1.2).
1807. ARATUS, $\Delta \iota \sigma \sigma \eta \mu \in i ̃ a$.

$$
17.3 \times 18.6 \mathrm{~cm} . \quad \text { Second century }
$$

This fragment contains the lower part of a column, preceded by a broad margin in which some cursive notes, both textual and explanatory, referring to the preceding column are entered. The notes on 11.895 and gor are in smaller and more lightly formed lettering than the v.l. on 1.897 , but whether they really proceeded from a different writer the evidence is hardly sufficient to determine. The text of the Aratus is well written in a rather large hand, round and upright, somewhat similar to that of B. Berl. 6845 (Schubart, Pap. Gr., Plate 19, c), though less heavy; it may be assigned with probability, like the Berlin papyrus, to the first half of the second century. Paragraphi were employed, and there are two instances of a high stop, inserted well above the line. The latter, and the occasional accents, are unlikely to be original and are due perhaps to the corrector, who may also be the author of the marginalia.

So far as it goes the papyrus shows a good text, which is in substantial agreement with the Marcianus $(\mathrm{M})$, the oldest and best of the manuscripts. Readings found in later MSS. have, however, twice been subsequently incor porated, in one
place as a marginal variant (1.897), in another as a corrcction (1. 930). A departure from accepted tradition in 1.927 is supported by Joh. Philoponus and also by another early Aratus papyrus at Berlin (Berl. Klassikertexte, v. i. iii. 1) in which a few letters from the last 14 lines of Col. ii arc preserved. The papyrus reading is condemned very positively by the Berlin editors, but the coincidence of ancient testimony is worth notice ; it is of course possible that the alternative lection was given in 1807 as a v. l.

For the accompanying collation the edition of E. Maass has been utilized.
Col. i.


Col. ii.
 $915[k \epsilon]: \nu \nu \mu \epsilon[\nu 0 \nu \quad k \epsilon]$ $\theta \alpha \lambda \alpha \sigma\left[\begin{array}{lll}\sigma \alpha \nu & v \pi \epsilon \rho\end{array}\right.$ форєоוт $\alpha \nu \epsilon \mu о \iota о$ $\kappa \alpha \iota \pi о \tau \epsilon \kappa[\alpha \ell \kappa \epsilon] \pi \phi \circ \iota$ ото[ $\tau \quad \epsilon v \delta \iota \circ \ell \pi о \tau \epsilon\langle\omega\rangle \nu \tau \alpha \iota$ $\alpha \nu \tau \iota \alpha \mu \in \lambda[\lambda o \nu \tau] \omega \nu \quad \alpha \nu \epsilon \mu[\omega \nu \quad \epsilon \iota \lambda \eta \delta \alpha$ ф $\rho \rho 0 \nu \tau \alpha \iota$
 $\alpha \iota \theta \nu \iota \alpha \iota \quad \chi^{\epsilon} \rho \sigma[\alpha \iota \alpha \quad \tau] \nu \nu \alpha \sigma \alpha[\lfloor\omega] \nu \tau \alpha \iota \pi \tau[\epsilon \rho \nu \gamma \epsilon \sigma \sigma \iota \nu$ $920 \eta$ $\nu \epsilon \phi \epsilon \lambda \eta$ орє[os] $\mu \eta \kappa \nu \nu \epsilon \tau \alpha \iota$ є $\kappa$ кор[ $\nu \phi \eta \sigma \iota \nu$
$\eta \delta \eta$ каı $\pi \alpha \mu \pi о \iota \quad \lambda \epsilon \cup \kappa \eta s$ $\gamma \dot{\eta} \rho \epsilon \iota \nu \quad \alpha \kappa[\alpha \nu \theta \eta s$

$\alpha \kappa \rho o \nu \in \pi \iota \pi \lambda \omega \omega \sigma \iota \tau \alpha \mu \in \nu \pi \alpha \rho o s ~ \alpha \lambda[\lambda \alpha \delta$ o $\pi \iota \sigma \sigma \omega$
 $925 \epsilon \nu \theta \epsilon \nu \quad \epsilon \pi \epsilon \rho \chi \circ \mu[\epsilon] \nu 0 \iota \sigma \quad \pi \epsilon \rho \iota \sigma \kappa о \pi \epsilon[\epsilon \iota \nu \quad \alpha \nu \epsilon \mu \circ \iota \circ$

```
        ка\iota \delta\iota\alpha \nuvк\tau\alpha \mu\epsilon\lambda\alpha\iota\nuа\nu от \alpha\sigma\tau\epsilon[\rho\epsilonS \alpha\iota\sigma\sigma\omega\sigma\iota
        \tau\alpha\rho\phi\in\alpha\cdot \tauоl \delta о\pi\iota0\in\nu \rho\nu\muоl \epsilon\pi\ell[\lambda\epsilonUк\alphal\nuO\nu\tau\alphal
```




```
            \delta'
```



```
        \pi\alphal\tauol\omega\nu \alpha\nu\epsilon\mu\omega\nu ol \tau \alphaкр\iota\tauо[t \epsilont\sigmat \mu\alpha\lambda\iota\sigma\tau\alpha
        \alphaк\rho\iota\tau\alpha \delta\epsilon \pi\nu\epsilonlov\sigmal\nu \epsilon\pi \alpha\nu\delta\rho\alpha[\sigmal \tau\epsilonк\mu\eta\rho\alpha\sigma0\alphal
        \alphau\tau\alpha\rho от \epsilon\xi єvроוо ка\iota \epsilonк votov [\alpha\sigma\tau\rho\alpha\piт\tau\eta\sigmat\nu
```

895. Perhaps $\tau \eta s \phi a] \tau v \eta s$ was added in explanation of $\epsilon \gamma \gamma \dot{s}$, or the word may be part
 ¿ $\sigma \tau \epsilon \rho \epsilon \epsilon, \kappa \tau \lambda$. But e.g. ]avךs or ] $] \nu \eta s$ is also possible.
896. The marginal v. l., עо $\rceil \tau \delta \epsilon \pi \iota \kappa \epsilon \kappa \lambda \iota \tau a \iota$, is the reading of A and Maass (cf. 1. 486); presumably $\epsilon \pi \iota \epsilon \rho \chi \epsilon \tau a \iota$ stood in the text, as in CM.


897. $\left.{ }^{-} \kappa^{\top}\right] \epsilon \nu \nu \mu \epsilon[\nu \nu v: \kappa \iota \nu o v \mu$. AC.

92 I. 1. $\pi \alpha \pi \pi o \iota$.
923. $\epsilon \pi \iota \pi \lambda \omega \omega \sigma \iota$ : so Maass with several later MSS. (cf. Homer є 284); -ó $\omega \sigma \iota$ A.M, - $\epsilon i \omega \sigma \iota$ C.
924. $\tau \epsilon$ : om. C.
927. тot $\delta$ : so ACMI and (M) Schol.; tois $\delta$ ' Philoponus, in Aristot. Meteor., p. 100 (II. 926-31), roís Maass.
${ }^{\circ} \pi \iota \theta_{\epsilon \nu}:{ }^{\circ} \pi \iota \sigma \theta \epsilon \nu$ A Philop.
$\epsilon \pi \uparrow[\lambda \epsilon v к a \iota v o \nu \tau a \iota:$ so P. Berl. 7503-4 and Philop. íтодєuкаivoитаи (or - $\omega v \tau a \iota$ ) MSS., Maass (cf. Homer E 502).
928. кєivqs A.
929. $\dot{\eta} \nu$ : so $\mathrm{CM}(\vec{\eta} \nu): \epsilon i$ Maass with A Philop.

кєע : so CM Philop., Maass ; кat A.
930. ad入o七s, as originally written here, is read by Maass with C \&c., and Avienus; $a \lambda \lambda_{o l} \delta^{\prime}$, the corrector's reading, is that of AM and Schol.
1808. Plato, Republic viii.

Width of column $4 \cdot 5^{-5} \mathrm{~cm}$. Late second century. Plate IV (Cols. i-iii).

Remains of the upper parts' of five narrow columns which are successive but for the loss of one column between the third and fourth; the original length of the columns was approximately double the amount preserved. The text is well written in good-sized uncials of the sloping oval type, in which the smallness of $\epsilon, \theta, o, \sigma$ is in marked contrast to the breadth of the square letters $\eta, \mu, \nu, \pi$; their
date is more probably second century than third. Single points in the high and middle position are used as stops, as well as a colon, which serves both for punctuation (iv. 5) and to mark a change of speaker, in combination with paragraphi (v. 13) ; a short blank space is sometimes employed instead for the same purposes (iii. IO, v. 14). One instance occurs of a rough breathing, due very likely to the corrector whose hand is in evidence here and there and who may also have been the author of at any rate most of the marginalia, which are the interesting feature of this papyrus. Cols. $\mathrm{i}-\mathrm{ii}$ covered the famous passage $546 \mathrm{~b}-\mathrm{c}$ describing the Platonic Number, and the margins contain a quantity of explanatory annotations, for the most part well preserved, but rendered difficult by the frequent use of tachygraphic symbols, the interpretation of which is not always clear. The writer is strangely inconsistent and seems sometimes to have dropped into short-hand almost unawares, e. g. in Col. i, marg. 8 it is not easy to see what was gained by a tachygraphic $\eta$ in $i j \sigma \pi \eta \sigma \tau v$. In the existing scarcity of material for the study of early Greek tachygraphy this well-dated specimen, exiguous though it is, has a value. The two columns have been printed, so far as exigencies of type permit, as they stand, and a reconstruction is attempted in the commentary; the exact forms of the symbols can be better followed in the accompanying facsimile (Plate IV). With regard to the matter of the notes, to the elucidation of which Prof. A. E. Taylor has kindly contributed, there is a noteworthy coincidence with Dercylides, the earliest writer whose view about the numbers reached is given by Proclus in his commentary on the Republic; see Col. ii, marg. ${ }^{12-1} 3$, n . The annotator's interpretation of the mathematics would therefore appear to be based, directly or indirectly, upon Dercylides, and thus gains considerably in interest; cf. Col. i, marg. 9-1o, n., where a further small point of contact with oi $\pi \epsilon \rho i ̀ \Delta \epsilon \rho \kappa \nu \lambda i o ̂ \eta \nu$ is observed.

In its testimony for the text of Plato the papyrus is undistinguished; some inaccuracies have been corrected by the second hand, which has introduced a novel variant in Col. ii. 8 .

Col. i. Plate IV.

| $\gamma \in \nu] \nu \eta$ | 546 b |
| :---: | :---: |
| [ $\sigma$ ova $\pi \alpha \iota \delta \alpha]$ ¢ |  |
|  |  |

Col. ii. Plate IV.
$] \cdot!\overline{\mu \eta}[\ldots . .$.$] ! \sigma \boldsymbol{\mu \eta}[\kappa$



$[\mu \eta \kappa \eta \mu \epsilon] \nu \tau \eta[\iota \quad 546 \mathrm{c}$
$\pi \rho[\rho \mu \eta \kappa \eta]$ § $[\epsilon$
$\epsilon \kappa \alpha \tau\left[\begin{array}{ll}\circ \nu & \mu \epsilon\end{array}\right] \nu \quad \alpha \rho \iota$
$\left[\begin{array}{llll}\tau \iota & \delta \epsilon & \theta \epsilon \iota \omega l & \mu \epsilon\end{array}\right] \nu$
5 [ $\gamma \in \nu \nu \eta \tau \omega t \pi \in \rho \iota$ [oסos $\eta \nu \quad \alpha \rho i \theta \mu o s$ $[\pi \epsilon \rho \iota \lambda \alpha \mu \beta \alpha \nu \epsilon \iota$ [ $\tau \in \lambda \epsilon \cos \alpha \nu \theta \rho \omega$ $\left[\begin{array}{ll}\pi \epsilon L \omega t & \delta \epsilon\end{array} \in \nu \omega t\right.$ $10[\pi \rho \omega \tau \omega t$ av\}$\eta \sigma \epsilon \iota$ [ $\delta v \nu \alpha \mu \in \nu a l ~ \tau \epsilon \kappa \alpha!]$ $[\delta \nu \nu a \sigma \tau \epsilon \nu o \mu \epsilon \nu \alpha]$. [трєєs aлобтабєts] $[\tau \in \tau \tau \alpha \rho a s ~ \delta \in$ op]ous

$\theta \mu \omega \nu \quad a[\pi 0 \quad \delta\}<\alpha$

$\pi \epsilon \mu \pi \alpha \delta[o s] \quad \delta \in o$
$\mu \in \nu \omega \nu$ [ $\epsilon \nu 0]_{s} \epsilon \kappa \alpha$
$\lambda_{\epsilon เ \pi 7} 7^{\bullet} \mu \circ \mathrm{va} \quad 8$
] Нраклєเт $\in \tau \eta \mu$ $\tau \in \lambda$ フ $о \tau^{\prime} \epsilon^{\prime}$ । $\} \omega \kappa^{2} T p$ o $\theta$ s $\omega \rho$ ]oт! $\sigma^{\prime} \eta$ тлavŋras

$\sigma \tau \omega \nu^{\cdot} \quad \alpha \rho \rho \eta[\tau] \omega \nu$
$\delta \iota 7 \pi \lambda \epsilon u p^{\prime} \overline{\mu \eta}$
app $\eta^{\top} \approx \bar{v}$ ou L $\quad 10$
$\delta \epsilon \delta \nu \epsilon \iota \nu[\epsilon \kappa \alpha] \tau \circ \nu \quad$ ' $\bar{\phi} \bar{\phi} L^{\kappa}-\gamma^{\nu \nu}$
$\because \overline{k 5} \gamma^{\prime} \eta \mu^{\rho}$

трı]aסos ${ }^{\circ}$
$10 \delta \epsilon \kappa v \beta \omega[\nu] \xi v \mu$
$\pi \alpha[s]$ $\delta \epsilon \quad v u[\tau] 0 s \dot{o} \alpha \rho \iota$
$\theta \mu$ os $\gamma[\epsilon] \omega \mu \epsilon \tau \rho \iota$
-
кos tovoutov кv
pios $[\alpha \mu \epsilon \tau \nu 0 \nu \omega \nu$
$I_{5}$ Tє $\kappa[\alpha \ell \quad X \in \iota \rho O \nu \omega \nu$
$\chi \operatorname{ov}[\tau \epsilon s$ ov $\pi a \nu v$
$\phi \nu \lambda[\alpha \kappa \iota \kappa о \iota \kappa \alpha$
$\tau \alpha \sigma \tau[\eta \sigma о \nu \tau \alpha \iota$
$\pi \rho о$ т $\tau 0$ бокциа

$\tau \epsilon \kappa \alpha[\iota \pi \alpha \rho \quad \nu \mu \nu \nu$
$\gamma \epsilon \nu \eta$ [xpuбouv $\tau \epsilon$
$\kappa \alpha \iota$ [apरupouv каь
$\chi^{\alpha \lambda[\kappa o v \nu \kappa \alpha \iota} \sigma \iota \delta \eta$

Col. v.
$\nu v \mu \epsilon \nu \quad o[\nu \nu: \mu \epsilon$
$\overline{\tau \alpha} \beta \eta \sigma \epsilon \tau \alpha[\ell \quad \mu \epsilon \nu$
$\delta \eta$ ov $\boldsymbol{\sigma} \omega \mathrm{s}[\mu \epsilon \tau \alpha$
$\beta \alpha \sigma \alpha \quad \delta \epsilon \pi \omega s$ [0九
5 к $\eta \sigma \epsilon \bullet \cdot \eta \phi \alpha \nu[\epsilon$ pov out $\tau \alpha \mu[\epsilon \nu$

```
\alpha\So\mu\epsilon\nu\omega\nu \delta\epsilon
\kappa\alphal \alpha\nu\taut\tau\epsilonl\nuO\nu
\tau\omega\nu \alpha\lambda\lambda\eta\lambdaols \epsilonis
\mu\epsilon\sigmao\nu \omega\muо\lambdao\gamma\eta
10 \sigma\alpha\nu} \gamma\eta\nu \mu\epsilon
\kappa\alpha\iota [o<k]l\alphas к\alpha\tau\alpha
        [\mu]!
v\epsilon\iota\mu\alpha\nuous ïठt\omega
[\sigma\alpha\sigma0]a< \tauov[s \delta\epsilon
[\pi\rhol]
15 [ }\mu\in\nu0]us \ddot{|}\pi[\alpha
```

547c

Col. i, marg. I. Perhaps $\kappa ө \sigma \mu \omega t$, the word in any case being explanatory of $\theta \epsilon \epsilon \omega t$ $\gamma$ evvnтwt. The two following lines, at the beginnings of which, to judge from the notes below, two or three letters may be lost, are obscure. $\quad \mu^{\prime}$, if right, should $=\mu^{\prime} \nu$ or $-\mu \epsilon \nu$, and the next word may be a form of aìzós, perhaps aìróv: tachygraphic $\tau$ becomes a vertical stroke, and $\backslash=o \%$, and the combination of these might produce something like the symbol in the text, though different from that e. g. in Wessely, Ein System der altgr. Tachygraphie, Plate II. 9. 5. Further on, $\nu$ is surmounted by a small semicircle (perhaps incomplete), which may represent o or $\omega$.
4. The collocation of figures after $\epsilon \tau \eta$ is peculiar. If $\mu=\mu \nu \rho a a^{s}$, since the $\bar{\omega}$ is written above and connected with $\bar{a}$ by enclosing "dots, it would seem natural to suppose that the number meant is $1,800 \times 10,000$. On the other hand $\bar{a}$ ought to mean $\mathbf{I}$, not 1,000 , and seeing that, as Prof. Taylor observes, the value 10,800 is assigned by some writers to the 'great year' of Heraclitus (cf. Censorinus 18. II), there is a probability that $\mu \omega$ should have been written.
$5^{-8}$. These four lines, which appear to be in a different hand from that of the rest of

 $\sigma \pi \eta \sigma \Delta \nu$ may approximate to the sense, though there are several points here which are unsatisfactory. At the end of 1.5 a short wertical stroke, which might be read as $\iota$, remains unaccounted for. Can $\epsilon^{\prime}(\nu)($ avr $] \hat{\varphi}$ be meant? But the order is not in favour of this. In 1. $7 \sigma^{\prime}$ is a recognized abbreviation of $\sigma \dot{v} v$, and $\sigma(\dot{v} v) \pi(a v \tau a s)$ would be unobjectionable but for the occurrence in 1.14 of a similar curved symbol which remains unexplained. In 1.8

 $\xi^{\prime}($ vauvós $)$, followed by $\xi^{\prime}(\nu) \dot{\varphi}:$ such drastic abbreviation, however, seems hardly possible, especially as the word évavés does not actually occur in the text.
 Plates I. 2. ii. 2, III. 10. I. That the same symbol should stand for both -as and rás is not a serious objection, since there are analogies for this in tachygraphy, and the alternative $\delta v$ dánev $^{(a i}$ ) (ai) not only necessitates the alteration of viotecvovaas but also involves a similar incongruity in ll. I $1-12$, where the same sign occurs in conjunction with accusatives. Why, however, that case was used in these two places remains obscure. For the substance of the
note cf. Alex. Aphrod. In Arist. Met. A 8. 990 a 23 of the Pythagorean triangle eimei roivv




 Aphrod. quoted in the preceding note. In the next line the ä̀ $\lambda a \sigma \pi \lambda \in u \rho a i$ are more closely defined as the $\dot{o}_{\rho} \theta \dot{\eta}$ and the $\beta$ áats, the perpendicular and the base of the triangle. For the symbol interpreted as as or tás cf. n. on ll. 9-10 above. The sign $\$ ordinarily means civa, and also represents ov, but these would be out of place here, where kai is desirable. Cf. ii, marg. 4.
 high dot at the end of the first word of the note cf. Col. ii, marg. 8, where a similar mark occurs above $\lambda_{\text {ei }}(\boldsymbol{f} i)$. Possibly there was a corresponding mark in the text. The latter part of the note is obscure. In I. 14 the symbol before on is like that in I. 7 above, which may represent $\pi$. ov seems to be a termination rather than the relative, which would lack an antecedent, and also a governing verb, if tò öp $\rho[0(\nu)]$ is the object of $\dot{\epsilon} \pi \iota \not \subset \dot{\varphi} \rho($ ovat $)$. With regard to this verb, the plural termination is demanded by kioves, and the symbol at the end has a smaller and more rounded top than that standing for $\epsilon$. The introduction of kioves, as a synonym apparently of öpo, is hardly helpful.

Col. ii. 3. єкar[od: so $\mathrm{A}^{2} \mathrm{M}$ Proclus; є̈̈каaтò AFD.
7. The v. l. єкабтоv superscribed by a second hand is unrecorded.
9. $\delta v \epsilon \tau \nu$ : so AD ; $\delta$ voî with others Burnet.
i i. o after $n v[\tau]$ os has been cancelled by a dot placed above; oūтos àpıt $\mu_{\text {ós }}$ MSS.
${ }^{13} 3 . v$, which was originally written in place of $t$, was presumably cancelled, but only the top is preserved; the correction may be by the original hand or the corrector.

Col. ii, marg. 1-5. This mutilated note refers to ll. 4-8 of the text, the value of $\dot{\alpha} \rho \iota \theta \mu \bar{\omega} \nu$ à $\pi \dot{o} \delta \iota \iota \mu$ '́ $\tau \rho \omega \nu$ $\dot{\rho} \eta \tau \bar{\omega} \nu \pi \epsilon \mu \pi \alpha ́ \delta o s$ being explained by the aid of diagrams. The 'rational diameter of 5 ' means the rational number nearest to the diameter of a square, the side of which is 5 . This diameter is $\sqrt{50}$ (Euclid i. 47), to which the nearest rational number is 7 . The number 48 in ll. 1 and 9 marg. is of course arrived at by subtracting 1
 11. $3^{-4}$ ). In marg. 2 perhaps $\left.\pi \rho o \mu \eta^{\prime} x\right] \eta \delta \dot{\epsilon}$ should be restored, and $\left.\tau\right] \bar{\omega}$ before $\lambda(\epsilon i) \pi \epsilon \sigma \theta(a \iota)$ :
 symbol before Mev $\boldsymbol{M} \nu$, which recurs in marg. 12-13, no doubt represents $\tau \hat{\varphi}$; cf. e.g. Wessely, op. cil. Plate II. 7. 2, where the sign for $\tau \omega$ is analogous, though the straight stroke is diagonal instead of being horizontal. Whether the preceding curved sign, which resembles a sigma (cf. ii, marg. IO), could represent ${ }^{i} \nu$ is doubtfül ; at any rate the previous group is not in the least like the tachygraphic symbol for $\dot{\omega}$. The passage of the Meno referred to
 Of the following diagram only a small part is preserved, and its nature is not clear; there seems to have been more than a square with a diagonal.
$6-7$. It would be natural to expand this note $\dot{\rho} \eta \tau(\dot{o s}) \dot{a} \rho \iota \theta_{\mu}(\dot{o} s) \dot{o} \pi \lambda \epsilon v \rho \dot{\imath} \nu \bar{\epsilon} \chi \omega(\nu)$, but as this is an obviously incorrect definition of a finite number, Taylor suggests that $\dot{\beta} \eta \tau(\bar{\omega} \nu)$. di $\iota t \mu\left({ }^{\prime}{ }^{\prime}\right) \kappa \tau \lambda$. is meant, 'the square of a "rational diameter" is a square number', which is less tautologous in Greek than in English, but might have been more clearly


is taken as referring to the side of the oblong ; 'it is less by a unit, if the side $=48$ ( $\times$ 100) '. This is certainly not very satisfactory, and there is something to be said for Taylor's proposal to insert $\bar{\epsilon}$ before $\overline{\mu \eta}$ : 'it is less by a unit; i. e. if the side is 5 , the number will be ( $49-1=$ ) $48^{\circ}$. But emendation of this kind is better avoided, if possible. Cf. marg. 1-2, where there was a somewhat similar note.
 regard the first two words of this note as a lemma from the Platonic text; cf. $\rho_{\eta 7}(\hat{\omega} \nu$ ? ) in marg. 6. The curved symbol is rather like that in marg. 4, but some part may be lost in a hole in the papyrus, and at any rate the head differs in having a downward bend. With regard to (oik), the usual tachygraphic equivalent of ov is an upward curve, but this sometimes degenerates into a straight stroke, as e. g. in Wessely, op. cit. Plate III. ro. i.
 number 27 appears to have been connected with the female $\mu$ диuaiov. For the symbol for $\tau \omega \mathrm{cf}$. marg. 4 above and n. ad loc.; if that is right, the group next to the figures in 1. I3 must govern the dative, and hence $\dot{a}(0 \lambda o v i \theta \omega s)$ is suggested. ' In the number ' $Z \bar{\phi}$ the first figure might be taken for ' A , but is no doubt ' z , since, as Taylor points out, 7,500 is given as the value of one of the dipmoviar by Dercylides ap. Proclus, In Remp. ii. 25 (Kroll)
 àvóuoov $\mu \epsilon \tau^{\prime}$ '̇кєivov ròv' $\mathrm{Z} \bar{\phi}$. Proclus obtains the number $\bar{\sigma} \epsilon$ by the addition of $\kappa \bar{\xi}$ and $\mu \bar{\eta}$ (ii. 36 sqq.), but whether he is here following Dercylides he does not say.

Col. iii. 8. $v[\mu \nu \gamma \epsilon] \nu \eta \sigma o v[\tau a l$ : the vestige before the lacuna and the arrangement of the lines makes the reading practically certain ; $\gamma \in \nu \dot{\eta} \sigma o \nu \tau a t \dot{\chi} \mu \hat{\nu} \nu$ (FDM, Burnet) or $\dot{\eta} \mu \hat{\nu} \nu$ MSS.

1о. $\epsilon$ : or perhaps $\epsilon \gamma$.
Col. iv. 2. ap $\chi^{\eta \nu}$ was first written (no doubt owing to the following apXalav) the $\epsilon$ having been inserted at the same time as the $\tau$ over $\chi$, which has not been deleted.
4. ката⿱宀тactv, as amended, is the ordinary reading.
12. To which hand the insertion of the missing syllable is due is uncertain.

14. The superfluous ، adscript has been crossed through and a dot was also placed above it.
15. $\{\tau \omega]$ : so A, Burnet ; ró FD. The vestige of the $t$ is very slight, but the reading is confirmed by the spacing.
1809. Plato, Phaedo.
$11.3 \times 11.7 \mathrm{~cm}$. Early second century.
This fragment contains parts of three columns, of which the second, so far as it goes, is in fair preservation, but rather more than half the lines are missing at the foot. The hand is a small upright uncial of neat appearance, suggestive of the Trajan-Hadrian period. Vertical strokes are often finished at the base with a small hook or flourish which sometimes curves back to the perpendicular, e. g. in 1.13 the $\tau$ of evavituv has the peculiar form J. Besides stops in the high and middle positions a colon, as in 1808, is used for punctuation, this latter and perhaps the others also being apparently by the original hand. Paragraphi
denote alternations in the dialogue ; whether they were accompanied by a colon, as usual, does not appear. Accents and breathings have been inserted here and there, more probably than not after the text was written ; they may be due to the hand which has added some notes in a small second-century cursive in the upper margin. Though the general purport of these annotations is clear they are obscured by mutilation, and it is a matter of doubt to which lines precisely they referred. Possibly the symbols in the margin of Col. iii were intended to mark the place of other notes which have been lost.

The text is a good and interesting one, of the eclectic type frequently met with in papyri. Of the four readings in which the papyrus agrees with TW against B , three are accepted by Burnet (whose edition is the basis of the collation given
 other hand, in ii. 14 it agrees with $\mathrm{B}^{2}$ in каíтoь oũть against.the inferior кai тоьovitó $\tau \iota$ of BTW , and in ii. 12 has the preferable où̀̀́ of BT against oüт $\epsilon$ of $\mathrm{B}^{2} \mathrm{~W}$.


óv $\stackrel{\text { oै }}{ } \pi \epsilon \rho \quad \eta \nu \cdot \alpha \mu \alpha$ тоvע $\alpha \nu \tau \iota[0 \nu$

то८ $\alpha \pi \epsilon \rho \chi \epsilon \tau \alpha \iota \cdot \eta$ атоддитац [
$\epsilon \nu$ тоטт $\omega \iota \quad \tau \omega \iota \pi \alpha \theta \eta \mu a \tau[\iota$
$[\bar{\pi} \alpha \nu \tau \alpha \pi] \alpha \sigma \iota \nu \quad \epsilon \phi \eta \quad K \epsilon \beta[\eta\rangle$

20 [ $\tau \iota S \epsilon \iota \pi \epsilon \tau] \omega \nu \pi \alpha \rho o[\nu \tau \omega \nu \alpha$
[kovoas oovl]s $\delta \eta \nu$ [ov $\sigma \alpha$

Col. iii.

```
    [\tau\omega\nu \epsilonХо\nu\tau\omega\nu \tau\alpha \epsilon\nu\alpha\nu\tau\iota\alpha \epsilon]
    \lambda\in[\gammaо\mu\epsilon\nu \epsilon\piо\nuо\muа}о\nuт\epsilons
    \alphav\tau\alpha \tau\eta[l \epsilonк\epsilon\iota\nu\omega\nu \epsilon\pi\omega\nuv\mu\iota
    \alpha\iota. \nuv[\nu \delta\epsilon \pi\epsilon\rho\iota \epsilonк\epsilon\iota\nu\omega\nu \alpha\nuT\omega\nu
        5 \omega\nu [\epsilon\nu\nu\nu\tau\omega\nu \epsilonX\epsilon\iota \tau\eta\nu \epsilon\pi\omega
        vv\mula[\nu \tau\alpha ovo\mu\alpha\Sо\mu\epsilon\nu\alpha \alphav
                            103 c
        \tau\alpha \delta єкє[L\nu\alpha оук а\nu \piотє фа\mu\epsilon\nu
        \epsilon0\epsilon\lambda\eta\sigma[\alpha\iota \gamma\epsilon\nu\epsilon\sigma\iota\nu \alpha\lambda\lambda\eta\lambda\lambda\omega\nu
        \delta\epsilon\xi\alpha\sigma0\alpha[\iota к\alpha\iota а\mu\alpha \beta
10 \therefore. то\nu K\epsilon\beta\eta[\tau\alpha \epsilon\iota\pi\epsilon\nu \alpha\rho\alpha \mu\eta \piov
            \epsilon\phi\eta \omega K\epsilon\beta\etas \kappa[\alpha\iota \sigma\epsilon \tau\iota \tauov\tau\omega\nu
        \epsilon\tau\alpha\rho\alpha\xi\epsilon\nu [\omega\nu o\delta\epsilon \epsilon\iotaT\epsilon\nu ov
            \smile \delta \alphav є\phi\eta o K\epsilon\beta[\etas ovt\omegas \epsilon\chi"
        \kappa\alphal\tauol óv\tau\iota [\lambda]\epsilony[\omega \omegas ov \pio\lambda\lambda\alpha
            15 \underset{[-] <\epsilon \tau\alpha\rho\alpha\tau\tau\epsilon\iota \sigma\nu\nu\omega\muо\lambdao\gamma\eta}{[-]}
            \kappa\alpha}[\mu\in
```

Marginal note. 1. The letters $] \in \nu[$ are on a small detached fragment which seems to belong to this line, though whether it precedes or follows ]at $\epsilon \mathcal{\kappa} \tau \omega \in \nu a \nu \tau[\omega \nu$ is doubtful.
4. It is not clear whether the interlinear $\eta$ signifies an abbreviation ( $\dot{\alpha} \lambda \lambda \dot{\eta}(\lambda$.$) ) ?) or was$ added by way of correction; possibly there is a second letter ( $s$ ?) ; and perhaps a double dot should be recognized between the $] \lambda \lambda$ (or $\lambda a$ ) and $\tau$, as apparently also in 1.5 .
5. єva]urimv is possible, though the vertical stroke before ( is rather long for $\tau$ and
would better suit e. g. $\rho$; but $\epsilon \kappa \mid[\tau \omega \nu \epsilon \nu a] \nu \tau \omega \omega$ is unlikely, since ll. $6-7$ indicate a longer line. $\epsilon_{1}$ : t cannot be $\epsilon i \eta$ apparently.
6. . тоutı is crossed through and ]aı $\mu$ ккроу тои тє / inserted above it, probably by the same hand. A very unintelligible collocation is left.

Col. i. This column would be expected to begin about 102 b 5 , but the scanty remains are not easy to identify. The best point of departure is l. 6 ]. os, followed by ]a (or ] $\lambda$ ) in
 11. $1-4$ do not seem to bear out this identification. b $6 \mu \in \gamma \epsilon]$ os and $b 8 \eta$ ] $\delta$ os are unsuitable, and though c $4 \pi]^{2}$ pos is possible, ] a $\mid \lambda \eta \theta_{\eta}$ would give too short a line. The double dot in 1. II is not of much assistance, since this may represent either a stop or a change of speaker; cf. int.
ii. 6. $\sigma \sigma \pi[\epsilon \rho]: \stackrel{\omega}{\omega} \sigma \pi \epsilon \rho \mathrm{W}$.
8. єкєıขo: so $\mathrm{B}^{2} \mathrm{TW}$; ékeivos B .
ov: so $\mathrm{B}^{2} \mathrm{TW}$; om. B .
10. $\dot{\omega}$ байтшs T .
12. $\gamma \in \nu \epsilon \in \sigma$ tal W .
ovo̊́: so BT ; oüтє $\mathrm{B}^{2} \mathrm{Wt}$.
13. $\epsilon \tau[1 \mid o \nu$ : so TW ; aitıov B, and W v.l.
14. $a \mu a$ : the $\mu$ has been altered, whether by the original or a later hand is not clear; $a \lambda \lambda a$ was apparently first written.
 1. I 7, so that [out $\phi$ a] is hardly enough for the lacuna, which may, however, be sufficiently filled by writing ovtos or outct.
iii. 9. Whether the papyrus had $\pi \rho o s$ or ets is of course not determinable; the same remark applies to ov $\mid \delta$ or o $\mid \delta$ in l. 12.
10. The meaning of the marginal symbol, consisting of three heavy dots in the form of a pyramid, is unknown; it may refer to a lost marginal note.

13. In the margin opposite this line there is a small circular mark like the sign for short quantity.
14. каıтo九 оитı: so $\mathrm{B}^{3}$; каì тоьи̂тó тı BTW .
16. The marginal sign is on the broken edge of the papyrus and may be incomplete ; here, too, the meaning is obscure.
1810. Demosthenes, Olynth. i-iii, Phil. i, De Pace.

Width of column $6-6.5 \mathrm{~cm}$. Early second century. Plate IV (Phil. i, Fr. I5).

These fragments, covering the first five speeches of Demosthenes, are written in a graceful round hand similar in type to that of the British Museum Hyperides (cf. also e. g. 220), though more ornate and regular; it may go back to the end of the first century, but more probably is to be assigned, like the Hyperides, to the earlier decades of the second. None of the columns is complete, but they consisted of about 33 lines apiece, with a broad margin both at the top and bottom,
and the height of the roll must have approximated to 30 cm . Short lines are filled by the common angular sign. Paragraphi are used for purposes of punctuation, and the letter following the pause is sometimes slightly postponed ; points in the high and medial position are also employed, though some of these look like later additions. A later hand is also responsible for one or two small corrections, for the coronis at Olynth. iii. Fr. 5. ii. 10 and the mark of elision in Phil. i. 15. 17.

The text is on the whole a good one, of the usual 'eclectic' kind. Peculiar variants (Olynth. ii. Frs. 14-18. 19, 22, Olynth. iii. 7. 2-3, Phil. 17. 4-6, 21. 3-5) are unimportant, and there is no tendency to depart from the tradition of the MSS. Of these S, by common consent the best, is often supported, in several places against all other testimony (Olynth. ii. Frs. 9-II. i. 3, Frs. 12-13. 5, 12, Phil. 4. 1, 27. 2, De Pace 2. i. 6, 22) ; in Phil. 11-13. ii. 5 a vulgate spelling has apparently been converted later to that of S . On the other hand agreements with the readings of other MSS. against $S$ are not uncommon (Olynth. ii. Frs. 2-3. 11 (=YOF), 9-II. i. 2, 14-18. 1, Olynth. iii. 5. ii. 19 ( $=$ A), Phil. 4.2 (=Y), 5-6. 5 (=FB), II-I3. i. 10, ii. 4, I4. I, 10, 18-20. 10 (= YO)).

In the transcription given below, lines in minor pieces have been completed for the sake of convenience in reading, but in such cases the division of lines adopted is often quite hypothetical. In consequence of the fragments being so widely scattered over five speeches identification of small scraps is difficult, and a number of these have not been printed.

Olynth. i.

Fr. 1.
$[\tau] \epsilon \tau[0 \nu \tau \omega \nu \in \nu \ell \tau \omega t \pi \rho \omega \tau \omega l$ $\pi \rho[0 \theta \nu \mu \omega s$ кає $\omega s \pi \rho \rho \sigma \eta$
коу $[\epsilon \beta \circ \eta \theta \eta \sigma \alpha \mu \epsilon \nu$ avtol $\rho \alpha \iota$
$0 \nu[\iota \kappa \alpha \iota \pi 0 \lambda \nu \tau \alpha \pi \epsilon \iota \nu 0 \tau \epsilon \rho \omega \iota$
$5 \nu \nu \nu\left[\alpha \nu \quad \in \chi \rho \omega \mu \epsilon \theta \alpha \quad \tau \omega \iota \Phi_{\iota \lambda \iota \pi}\right.$

Frs. 3-4. [Хоиб $\quad$ к $<\alpha \iota \tau \eta \nu \quad$ о $] \kappa \epsilon \iota \alpha[\nu \quad \tau \alpha \nu$
 7 lines lost
[ $\mu$ ous $\eta \delta \iota o \nu$ a $\nu$ кає $\epsilon \lambda \epsilon v] \theta \epsilon \quad § 23$
10 [pous $\eta$ dounous $\epsilon เ \nu \alpha l$ кal] $\gamma \alpha \rho$ $10\left[\begin{array}{ll}\tau \nu \nu & \alpha \delta \epsilon \omega s \\ \kappa \alpha \rho\end{array}\right] \pi о \nu \mu \in \nu[0 \iota$
 Tis avtov к $\kappa \lambda \lambda \sigma \epsilon \epsilon \delta \in u p[0 \quad \beta a \delta \iota$ $\zeta \epsilon \epsilon[\nu] \cdot \Theta \eta \beta \alpha \iota[0 \iota \mu \eta] \lambda \epsilon \iota\left[\alpha \nu \pi \iota \S{ }_{2} \sigma\right.$

Fr. 2.
[Bou入ov $\epsilon \gamma \omega]$ ] ouk $\alpha \gamma \nu[0 \omega$ § 16

[oTt $\pi 0 \lambda \lambda \alpha \kappa เ s] ~ v \mu \epsilon t s$ ov $\tau$ [ous
[aıtıovs $\alpha \lambda \lambda \alpha$ тous] v[ $\sigma \tau \alpha$ Tous
[ $\alpha \eta \theta \epsilon \iota$ к к $\alpha \tau \alpha к о v \epsilon \iota \nu$ тıv]os

Frs. 5-7.
$\nu \alpha 101 \mu[\eta] \delta \epsilon \operatorname{Tov}[\theta \quad \nu \mu \alpha S \quad \lambda \alpha \nu \theta \alpha$ § 25
$\nu \epsilon \tau \omega$ отı $\nu v \nu$ alp[ $\epsilon \sigma / \mathrm{S} \in \sigma \tau \iota \nu$
$v \mu \iota \nu \pi \circ[\tau] \epsilon \rho$ v $\mu \alpha s \in[\kappa \epsilon t \quad$ X $\eta \eta$
$\pi 0 \lambda \epsilon \mu \epsilon[\nu] \quad \eta \pi \alpha \rho \quad v \mu[\nu \nu \quad \epsilon \kappa \in \iota$
5 [ $\nu 0 \nu] \cdot \epsilon \alpha[\nu \mu] \epsilon \nu \quad \gamma \alpha \rho \alpha[\nu \tau \epsilon \chi \eta \iota$
$\left[\begin{array}{ccc}\tau \alpha & \tau \omega \nu & O \lambda v\end{array}\right] \nu \theta \omega \omega \nu \quad v[\mu \epsilon \epsilon S \quad \in \kappa \in \iota$
[ $\pi \circ \lambda \epsilon \mu \eta \sigma \epsilon \tau \epsilon]$ к $\alpha \iota ~ \tau \eta \nu[\epsilon \kappa \epsilon \iota \nu 0 \nu$

$\kappa \rho \circ \nu[\epsilon \epsilon] \pi \epsilon\left[\begin{array}{lll}\nu & \eta l & \kappa \alpha l] \\ & \sigma \nu \nu \epsilon\left[\begin{array}{l}{[\sigma}\end{array}\right]\end{array}\right.$
$15 \beta \alpha \lambda$ оvбเข [ $\epsilon$ тоו $\mu \omega$ s $\alpha] \lambda \lambda[\alpha \Phi \omega$ кєוS ol $\tau \eta[\nu$ otkela $\nu$ ovX] olot $\tau \epsilon \quad$ ov $\tau \in\left[\begin{array}{lll}S & \phi \nu \lambda \alpha \tau \tau \epsilon \iota \nu & \alpha] \nu\end{array} \mu \eta\right.$
$[\beta o] \eta \theta \eta[\sigma \eta \theta$ v $\mu \epsilon \iota s . \eta$. $\alpha \lambda \lambda o s$ T८s $\alpha \lambda \lambda \omega[\tau \alpha \nu$ ou Xı $\beta$ ou $\lambda \eta \sigma \epsilon$
$20 \tau \alpha \iota \cdot \tau \omega \nu \alpha[\tau 0 \pi \omega \tau \alpha \tau \omega \nu \mu \in \nu$ $\overline{\tau \alpha \nu} \in \iota \eta \in \iota[\alpha \nu v \nu$ $\alpha \nu 0 t \alpha \nu \quad o \phi \lambda \iota$ $\sigma \kappa \alpha \nu \omega \nu[\sigma \mu \omega s \epsilon] \kappa[\lambda \alpha \lambda \epsilon t \tau \alpha v$ $\tau \alpha \quad \delta \nu \nu \eta[\theta] \epsilon\left[\begin{array}{ll}s & \mu \eta] \\ \pi \rho \alpha & {[\xi \in \iota \quad \alpha \lambda}\end{array}\right.$ $\overline{\lambda \alpha} \mu \eta[\nu] \quad \eta \lambda \iota \kappa[\alpha \in] \sigma \tau \iota \nu\left[\begin{array}{ll}\tau \alpha & \delta \iota \alpha\end{array}\right.$
${ }_{25}$ фора $\epsilon \nu \theta \alpha[\delta \eta] \epsilon \kappa \epsilon \iota \pi[0 \lambda \epsilon \mu \epsilon \iota \nu$ ouסє $\lambda$ дoyou $\pi[\rho 0] \sigma \delta \epsilon[\iota \nu \quad \eta \gamma o u$

Fr. 8.

$$
\text { ] } \pi 0 \lambda \quad \S 28
$$

$[\lambda \omega \nu \omega \nu \kappa \alpha \lambda \omega s \pi o l o v \nu] \tau \epsilon \mathcal{S}$

Fr. 1. The identification of this fragment is made with hesitation, since the reading $\pi \rho \circ \sigma \hat{\eta} \kappa o \nu$ in place of $\pi \rho \circ \sigma \hat{\eta} \kappa \epsilon \nu$, though intelligible, is unattested, and it is not clear that any letter preceded $\epsilon$ in 1.1 ; on the other hand, the fact that 1.5 is apparently the last of a column affords some confirmation, since the end of a column is expected at about this point, and no other suitable position for the fragment has been found in these five speeches.

Frs. 3-4. I I. ]o is only a shade to the right of $] \gamma$ and $] \theta$ in the preceding lines, and the omission of tov before катакоvєь (so Bl (ass) with Liban.) seems probable.

Frs. 5-7. 12. $\beta a \delta i] \zeta \epsilon[[\nu]$ : so MSS., Liban. ; $\beta a \delta i \zeta o \nu \tau a$ Bl. with Rh. Gr. ii. 679 \&c.
13-14. The papyrus seems to have had the ordinary reading. Dindorf read ô (so Baiter) $\epsilon i$ (so two MSS.) $\mu \eta$, omitting ${ }_{i!}$ with Rh. Gr. ii. 679 \&c. Bl. similarly omits in, inserting a sign of interrogation after circiv.
15. Bl. brackets éroi $\mu \omega$ s following Rh. Gr. v. 36, vii. 94 I.
17. övres is bracketed by Bl. following Rh. Gr. iv. 739.
24. $\gamma$ seems to have been omitted after $\eta \lambda_{\imath}$ a, as in u (Coisl. 324).

Fr. 8. The length of 1.2 appears to suit this passage better than $\S 15 \pi 0 \lambda \mid \lambda \omega \iota \quad \phi a \nu \hat{\omega} \mu e \nu$ $\left.{ }_{\epsilon} \rho \rho a i \theta v \mu \eta \kappa \delta \dot{j}\right] \tau \epsilon s$, but the identification is not certain.

Olynth．ii．

Fr．I．
$[\epsilon \pi \iota] \pi o \lambda \lambda \omega \nu \quad \mu[\epsilon \nu$ a $\nu \tau i S \quad \delta \epsilon \iota \nu$ § I $\left[\begin{array}{cc}\omega & \alpha \nu \delta] \rho \in \subseteq\end{array}\right] A \theta \eta \nu \alpha \iota \circ$

Fr． 4.
］．［．．．．§ $1_{3}$
［таuт $\epsilon \theta \epsilon \lambda \eta] \sigma[\eta \theta]$ $\omega s \quad \pi[\rho о \sigma \eta \kappa \epsilon \iota$ $[k \alpha \iota \quad \delta \eta \pi \epsilon p \alpha \iota \nu] \epsilon \iota \nu$ ov $\mu[0 \nu 0 \nu$ $\left[\begin{array}{ll}\omega & \alpha \nu \delta \rho \in s \\ A \theta] \eta \nu \alpha \iota o \iota & \tau[\alpha\end{array}\right.$
$\left[\sigma \kappa \epsilon \psi \alpha \iota \tau\right.$ ov $\left.\chi^{\alpha \lambda} \epsilon \pi \omega\right]$ s ol $\delta[\epsilon \S 17$ $[\delta \eta \pi \epsilon \rho \iota$ avtov ovt $\bar{\eta}]$ ］$\xi \in \nu 0 \iota$ $[\kappa \alpha \iota \pi \epsilon \zeta \epsilon \tau \alpha l] \rho o[l] \delta_{0} \xi \alpha \nu \quad \mu \epsilon \nu$ $\left[\begin{array}{lll}\epsilon & \chi o v \sigma \iota \nu & \omega s\end{array}\right] \in[l] \sigma \iota \nu \quad \theta \alpha \nu \mu \mu \sigma \tau[0 \iota$
5 ［ка८ $\sigma]$ ］$\gamma[\kappa \epsilon \kappa] \operatorname{\rho ot}[\eta] \mu[\epsilon] \nu[0 \iota \tau \alpha$ ［тоv］$\pi о \lambda \epsilon \mu \circ v^{\bullet} \omega s \delta \in \gamma \omega \tau \omega[\nu$ $[\epsilon \nu] \alpha \nu \tau \eta \iota \tau \eta \iota X \omega \rho \alpha \iota \quad \gamma \epsilon \gamma \epsilon \nu \eta$［ ［ $\mu \in \nu \omega \nu$ тı $\nu 0] s$ $\eta$ Kovo［ $\nu$ a $\nu$ 4 lines lost
$\lambda \epsilon \mu[$ ov кац $\alpha \gamma \omega \nu \omega \nu$ toutovs § 18 $\mu \in \nu[\phi і \lambda о \tau \iota \mu \iota \alpha \iota \pi \alpha \nu \tau \alpha s$ a $\pi \omega$
15 Өєเข［avтоע єфך ßои入о $\mu \epsilon$ $\nu 0 \nu[\pi \alpha \nu \theta$ avtov סокєє $\epsilon \ell$ ข $\alpha \ell \tau \alpha[\rho \gamma \alpha \pi \rho o s ~ \gamma \alpha \rho$ av тоוs а入入oıs［ка८ т $\eta \nu$ ф८лотı $\mu \iota \alpha \nu$

Frs．2， 3.
$[\kappa \alpha \pi \iota 0] \rho к о \nu \nu \tau[\alpha \quad \kappa \alpha \iota \quad \psi \in v \delta о$ § 10 $[\mu \epsilon \nu 0 \nu] \delta v \nu \alpha[\mu \iota \nu \quad \beta \in \beta a \iota \alpha \nu$ 7 lines lost I० $[\kappa \alpha \iota \pi \lambda 0 \iota] \varrho \varphi \kappa \alpha[\iota \tau \omega \nu \quad \alpha \lambda \lambda \omega \nu$ $[\tau \omega \nu \tau 0 \iota] 0 \nu \tau \omega \nu[\tau \alpha \kappa \alpha \tau \omega \theta \epsilon \nu \quad \iota \sigma$ $[\chi \nu \rho о т \epsilon] \rho \alpha \in \iota \nu[\alpha \iota \delta \in \iota$ оขт $\omega$
 ［ка८ таS v］

Frs．7－8．
$[\alpha \nu v \pi \epsilon \beta \beta \lambda \eta \tau] 0 \nu \in \iota \nu[\alpha \ell \in \iota$ $[\delta \epsilon$ тıs $\sigma \omega \phi \rho] \omega \nu \quad \eta$ סıкаוos $[\alpha \lambda \lambda \omega s$ т $\eta \nu$ к $\alpha] \theta \quad \eta \mu \epsilon \rho \alpha \nu \quad \alpha к р \alpha$ $[\sigma \iota \alpha \nu$ тои $\beta \iota$ кои кає $\mu] \epsilon \theta \eta \nu$ кає
5 ［кор $\delta \alpha \kappa \iota \sigma \mu \circ v]$ ］ov $\delta \nu \nu a \mu \epsilon$
［ $\nu 0$ оs $\phi \epsilon \rho \epsilon \iota \nu \pi] \alpha \rho \epsilon \omega \sigma \theta \alpha \iota$ к $\alpha \iota$
［ $\epsilon \nu$ ov $\delta \epsilon \nu 0 S$ $\epsilon \ell] \nu a t$ $\mu \epsilon \rho \epsilon \iota$ ［tov tolouto］ $\boldsymbol{\nu}$ 入olmous $\delta \eta \quad$ § 19
［ $\pi \epsilon \rho \ell$ avtov $\epsilon \ell] \nu a \ell \lambda \eta \iota \sigma \tau \alpha s>$
10 ［ка८ ко入акаs ка］т тоьоитоиs
［ $\alpha \nu \theta \rho \omega \pi$ ous oıo］us $\mu \epsilon \theta \nu \sigma \theta \epsilon \nu$ ［таs орХєєбӨaı то८］auta o८＞ ［ $\epsilon \gamma \omega \quad \imath v \nu$ oкv］$\omega$ тpos vuas ［оvo $\mu \alpha \sigma \alpha \iota ~ \delta \eta \lambda] o \nu \delta$ oтє тav 15 ［т єбт兀兀 a入 $\eta \theta \eta$ ］ка८ $\gamma \alpha \rho$ ous $[\epsilon \nu \theta \epsilon \nu \delta \epsilon \pi \alpha \nu \tau \epsilon S \quad \alpha \pi] \eta \lambda \alpha \nu$ 7 lines lost
$\operatorname{\pi o\iota ov}[\sigma \iota \nu \quad \epsilon \nu \epsilon \kappa \alpha$ тоข $\gamma \epsilon \lambda \alpha \sigma \theta \eta$ 25 val to［utous

Frs. 9-II. Col. i.

$$
\tau 0] l s \quad \sigma \omega \mu \alpha \sigma \iota \nu \quad \S 21
$$

$[\eta \mu \omega \nu \tau \epsilon \omega] s \quad \mu \epsilon \nu \quad \alpha \nu \quad \epsilon \rho \rho \omega[\mu \epsilon$ [ $\operatorname{los} \eta l$ Its] ov $\delta \epsilon \nu \in \pi \alpha \iota \sigma \theta \alpha$ $[\nu \epsilon \tau \alpha \iota \quad \epsilon \pi \alpha] \nu \delta \quad \alpha \rho \rho \omega \sigma \tau \eta \mu \alpha$
$5\left[\begin{array}{lll}\tau \iota & \sigma v \mu \beta \eta \iota & \pi\end{array}\right] \alpha \nu \tau \alpha \quad \kappa \in \iota \nu \in \iota \tau \alpha \iota \cdot$ [к $\alpha \nu \rho \eta \gamma \mu \alpha<] \alpha \nu \quad \sigma \tau \rho \epsilon \mu \mu \alpha[\kappa \alpha \nu$
$[\alpha \lambda \lambda o \quad \tau \iota \tau \omega \nu \quad v \pi] \alpha \rho \chi{ }^{\circ} \nu \tau \omega \nu>$ $\left[\begin{array}{lll}\sigma \alpha \theta \rho \omega \nu & \eta \iota & 0 v\end{array}\right] \tau \omega \kappa \alpha \iota \tau \omega \nu \pi 0$ [ $\lambda \epsilon \omega \nu \kappa \alpha \iota \tau \omega \nu] \tau \nu \rho \alpha \nu \nu \omega \nu$ 10 [ $\epsilon \omega \mathrm{S} \mu \epsilon \nu \alpha \nu \epsilon \xi \omega] \pi 0 \lambda \epsilon \mu \omega$, 7 lines lost
$\nu 0 \mu[\iota \zeta \epsilon \iota \sigma \omega \phi \rho 0 \nu 0 s \mu \epsilon \nu$
$\alpha \nu \theta[\rho \omega \pi \sigma \quad \lambda \quad \lambda \sigma \iota \sigma] \mu \omega \iota \quad \chi \rho \eta$
$20 \tau \alpha l^{\cdot} \mu[\epsilon \gamma \alpha \lambda \eta \quad \gamma \alpha \rho \rho 0] \pi \eta \mu \alpha \lambda$
$\lambda o \nu[\delta$ o $\lambda o \nu \eta \tau \nu \chi \eta$ ] $\pi \alpha \rho \alpha \pi \alpha \nu$ $\tau \in\left[\begin{array}{lll}\sigma \tau \iota & \tau \alpha & \tau \omega \nu \\ \alpha \nu \theta \rho] \omega \pi \omega \nu\end{array}\right.$

Frs. 12-13.
$[\epsilon \iota \mu \eta \delta \epsilon \iota S \quad \nu \mu \omega] \nu \omega a[\nu \delta \rho \epsilon S A \$ 25$ [ $\theta \eta \nu \alpha \iota o \iota]$ סvvaтal $\lambda o[\gamma \iota \sigma \alpha \sigma \theta \alpha \iota$ $[\pi о \sigma \circ \nu \quad \pi] 0 \lambda \epsilon \mu \epsilon \iota \tau \epsilon \quad$ Xp[ovov $\Phi_{t}$ $[\lambda \iota \pi \pi \omega] \iota \kappa \alpha \iota \tau \iota \pi 0 \iota 0[\nu \nu \tau \omega \nu$
5 [ $\nu \mu \omega \nu]$ o xpovos $\delta \iota \epsilon[\lambda \eta \lambda \nu \theta \epsilon \nu$ ov [ $\tau 0 \mathrm{~L} \quad \iota \sigma] \tau \epsilon \gamma \alpha \rho \delta \eta \pi o[v \operatorname{\tau ov\theta }$ oть $[\mu \epsilon \lambda \lambda o] \nu \tau \omega \nu \nu \mu \omega \nu$ [ $\epsilon \tau \epsilon \rho \circ \cup s$ [ $\tau \iota \nu \alpha S] \epsilon \lambda \pi \iota \xi \nu \nu \tau[\omega \nu \pi \rho \alpha \xi \epsilon \iota \nu$ $[\alpha \iota \tau \iota \omega \mu] \in \nu \omega \nu^{\prime} \alpha \lambda[\lambda \eta \lambda$ ous
 $[\tau \omega \nu \quad \sigma \chi \in \delta o \nu \quad \tau \alpha \nu \theta \quad \alpha \pi \epsilon \rho]$ ] $\varphi \cdot \varphi \varphi[\iota$
 $[\delta \iota \epsilon \lambda \eta \lambda \nu \theta \epsilon \nu \quad \epsilon \iota \theta$ out $\omega] s \quad \alpha \gamma^{\nu} \omega$ § 26 [ $\mu 0 \nu \omega s$ єX $\epsilon \tau \omega \alpha \nu \delta \rho \epsilon] s A \theta \eta$

$$
\delta[\iota \alpha \alpha \iota \omega \nu \quad \alpha \nu \tau \eta \rho a \tau \epsilon \quad \kappa \alpha \iota \pi 0 \lambda \quad \S 24
$$

Frs. 14-18.
$[\gamma \epsilon \gamma 0 \nu] \in \varphi \quad \delta[L \alpha \tau \omega \nu \alpha u \tau \omega \nu$ тоv $[\tau \omega \nu \quad \epsilon \lambda] \pi \iota \zeta\{\epsilon \tau \epsilon \pi \rho \alpha \xi \epsilon \omega \nu$ $[\epsilon \kappa \quad \phi \alpha \nu \lambda] \omega![\alpha \nu \tau \alpha$ Х $\quad$ П $\sigma \tau \alpha \quad \gamma \epsilon$ $[\nu \eta \sigma \epsilon] \sigma \theta \alpha \iota \cdot \alpha \lambda \lambda$ ov[ $\tau \quad \epsilon \cup \lambda 0 \gamma 0 \nu$
 $\gamma \epsilon^{\cdot} \pi[0 \lambda v \quad \gamma \alpha \rho]$ pa $\alpha[$ Lov єXovtas $\phi u \lambda \alpha[\tau \tau \epsilon \iota \nu \quad \eta \quad \kappa \tau \eta \sigma \alpha \sigma \theta \alpha \iota \pi \alpha \nu$ $\tau \alpha \pi[\epsilon \phi \nu \kappa \epsilon \nu \nu v \nu \delta$ o $\tau \iota \mu \epsilon \nu$ $\overline{\phi v}[\lambda \alpha \xi \circ \mu] \in[\nu$ ov $\delta \epsilon \nu \quad \epsilon \sigma \tau \iota$
 $\tau \omega \nu \pi \rho o \tau \epsilon \rho \circ \nu \kappa \tau[\eta \sigma \alpha \sigma \theta \alpha \iota$ $\delta \epsilon \delta \epsilon \iota \alpha v \tau \omega \nu \quad o v[\nu \quad \eta \mu(\nu \nu \in \rho$ रov тоvт $\eta[\delta \eta \quad \phi \eta \mu L \quad \delta \eta$ $\delta \epsilon L \nu \quad \S 27$ $\epsilon \iota \sigma \phi \in \rho \in[\iota \nu \quad$ Х $\rho \eta \mu \alpha \tau \alpha$ avtovs 3 lines lost
$15[\nu \alpha \iota o l \omega \sigma \tau \epsilon \delta \iota \omega \nu \in \kappa \quad \chi \rho] \eta \sigma \tau \omega \nu \quad[\kappa \alpha \nu \tau \alpha] \delta \epsilon \alpha \pi$ avt $[\omega \nu \tau \omega \nu \in \rho$ $\left[\begin{array}{l}\phi \alpha \nu \lambda \alpha \\ \tau \alpha \\ \pi \rho \alpha \gamma \mu \alpha \tau \alpha\end{array} \tau \eta s\right] \pi 0 \lambda \epsilon \omega s \quad[\gamma \omega \nu \quad \kappa \rho \iota] \nu 0 \nu \tau \alpha s$ тоиs $[\mu \in \nu$ 20 [ $\alpha \xi$ tous $\epsilon] \pi \alpha \iota \nu 0 \cup \operatorname{\tau } \tau \mu \alpha \nu \operatorname{\tau ov}[S$

[ $\pi \rho \rho \phi \alpha \sigma \epsilon] \iota s \quad \alpha \phi \epsilon \lambda \epsilon \iota \nu \kappa \alpha \iota \tau[\alpha$
[ $\kappa \alpha \theta \quad v \mu \alpha s]$ ] $\lambda \lambda \epsilon \iota \mu \mu \tau \tau \alpha^{*}$ ov $\gamma[\alpha \rho$
$[\epsilon] \sigma \tau \iota \quad \pi \iota[\kappa \rho] \omega s \in \xi \epsilon \tau \alpha \sigma \alpha \iota \tau[\iota \pi \epsilon$
$2_{5}[\pi \rho \alpha] \kappa \tau \alpha \iota[\tau o l] s$ $\alpha \lambda \lambda o \iota s ~ \alpha \nu \mu \eta[\pi \alpha$
[ $\rho \nu \mu \omega \nu \alpha \nu \tau \omega] \nu \pi \rho \omega \tau o \nu \nu[\pi \alpha \rho$
$[\xi \eta \iota \quad \tau \alpha \quad \delta \in o \nu] \tau \alpha \cdot \tau[l][[0 S \quad \gamma \alpha \rho \in \iota$

Fr. 19.
[ $\mu \eta \delta \epsilon$ ] otiovy $[\sigma \nu \mu \pi \pi \nu \epsilon \iota \nu$ ov § 30
$\left[X^{\iota} \gamma \in \nu \eta\right] \sigma \epsilon \tau \alpha[\iota \tau \omega \nu \quad \delta \in o \nu \tau \omega \nu$ $[\eta \mu \nu \nu]$ ov $\delta[\epsilon \nu \in \nu$ каL $\rho \omega t$ to $\gamma \alpha \rho$ $[\eta \delta \iota \kappa] \eta \mu \in \nu[0 \nu \quad \alpha \in \iota \quad \mu \in \rho \circ S \in \lambda$
$5[\lambda \epsilon \iota \psi \epsilon]!\quad \epsilon!\theta \quad v[\mu \iota \nu$

Fr. 4. This fragment is not very certainly identified.
Frs. 5-6. I. A stop may be lost before or.
2. ovte]s: om. Bl. with Hermog. p. 50, Rh. Gr. vii. 607.

Frs. 7-8. 1. тávo̊ $\rho o ́ s$, which is omitted by Bl. and Butcher with SFB, was clearly not in the papyrus.
6. $\pi]$ ]ape $\omega \sigma \theta a t$ : so SAFBY: $\pi a \rho \epsilon \omega \rho \bar{\sigma} \theta a u$ vulg.
16. In estimating the number of lines lost below this one it has been assumed that the papyrus had кaì toooúrous àv $\theta \rho \dot{\omega} \pi$ ous, which Bl. brackets.

Frs. 9-11. i. 2. $\eta \mu \omega \nu$ : so FOPQ; om. SY, Bl., Butcher.
 which is commonly added after $\dot{\varepsilon} \pi a \iota \sigma$ áverau.
8. Whether the papyrus had $\sigma a \theta \rho \omega \nu$ ( $\mathrm{S}^{1} \& c$. ., Bl.) or $\sigma a \theta \rho o \nu$ (vulg., Butcher) is indeterminable.
21. Judged by the preceding and following lines there should be eleven letters in the lacuna, and the omission of to before odov with S and Dion. Hal. ro89 is therefore probable. Bl. follows S, Butcher the vulg.

Fr. 11. ii. The identification is doubtful ; $\downarrow \mid \delta[u a t \ldots \pi \Delta \lambda \mid \lambda a[\kappa \kappa s$ is another possibility.

Frs. 12-13. 5. xpovos: so S, Bl., Butcher; xpóvos änas vulg.
7. $\nu \mu \omega \nu$ : so S ; à̀ $\bar{\tau} \nu$ other MSS., Butcher, om. Bl. with Schaefer and Cobet.
12. a a as o $\chi$ ] $\rho 0 \nu o s: ~ s o ~ S, ~ B l ., ~ B u t c h e r ~ ; ~ o ́ ~ \chi \rho o ́ v o s ~ a ̈ \pi a s ~ v u l g . ~$
 $\pi \rho a ́ \xi \epsilon \omega \nu$ S, Butcher, and Bl. with [ $\pi \rho a ́ \xi \epsilon \omega \nu$ ]. Cobet bracketed $\tau \bar{\omega} \nu$ aủ $\tau \omega \nu \nu \rho a ́ \xi \epsilon \omega \nu$, Gebauer $\pi \rho \alpha ́ \xi \epsilon \omega \nu$ only.
12. A high stop may be lost after 8 ec

 is quite possible, the asyndeton would balance those earlier in the sentence.

Olynth. iii.

Fr. 1.
$\tau \iota[\omega \rho \eta \quad \S \mathbf{I}$

[ $\mu \in \nu$ ous $\tau \alpha \delta \epsilon] \pi \rho \alpha \gamma \mu \alpha \tau \alpha \in \iota$
[точто $\pi \rho о \eta к] о \nu \tau \alpha \cdot \omega \sigma[\tau] \epsilon[$
5 [omفs $\mu \eta \pi \epsilon \iota \sigma] \rho \mu \epsilon \theta$ avjol $\pi[\rho \circ$ $[\tau \in \rho о \nu$ какшs $\sigma] \kappa \in \psi \alpha \sigma \theta \alpha \iota \delta[\epsilon$
 [ $\sigma \iota \nu$ ol $\tau \alpha$ тоıavTa] 入єyovtє[s $\eta$ $[\tau \eta \nu \quad v \pi o \theta \epsilon \sigma \iota \nu \pi \epsilon \rho]$ 䜣 ßov [

Fr. 4.

[єاs тоито $\pi] \epsilon \rho \iota \sigma \tau \eta \sigma \epsilon \tau \alpha \iota$ т $\pi[\rho \alpha$
$[\gamma \mu \alpha \tau \alpha \in \alpha \nu \tau \alpha] \pi \alpha \rho о \nu \tau \alpha \pi \rho о \omega$
$\left[\begin{array}{ll}\mu \epsilon \theta \alpha & \sigma \chi\end{array}\right] \epsilon \delta[0 \nu \quad l] \sigma \mu \epsilon \nu \quad \alpha \pi \alpha \nu$
5 [JєS $\delta] \eta \pi 0 v^{\cdot} \alpha \lambda[\lambda$ o] $\tau \iota \mu \epsilon \nu \quad \delta \eta \delta \in \iota$ § 10
$[\beta \circ \eta \theta] \epsilon \iota \nu \in \iota \pi 0 \iota$ TוS $\alpha \nu \pi \alpha \nu \tau \in S$
$[\epsilon \gamma \nu \omega \kappa \alpha \mu] \epsilon \nu$ к $\alpha \iota[\beta 0] \eta \theta \eta \sigma о \mu[\epsilon \nu$

[гоוvv $\omega \alpha \nu \delta \rho \epsilon]$ s $A \theta \eta \nu \alpha \iota \circ$
$10[\theta \alpha \nu \mu \alpha \sigma \eta \tau \epsilon \alpha \nu \pi] \alpha \rho \alpha \delta o \xi o \nu$

Col. i.
3 lines lost

5 [ovs каӨเбтабו้ єוта каl $\tau$ ]ovs
 [ $\nu$ ous $\alpha \theta \nu \mu$ ]! $\tau \epsilon \rho o u s$ тоוovбו้ $[\epsilon \pi \epsilon \iota \delta \alpha], \nu \delta \epsilon \tau \alpha \nu \tau \alpha \lambda \nu \sigma \eta \tau \epsilon \kappa \alpha \iota$ [ $\tau \eta \nu$ тov $\tau] \alpha \beta \in \lambda \tau \iota \sigma \tau \alpha$ $\lambda \epsilon \gamma \epsilon \iota \nu$ oסov $10[\pi \alpha \rho \alpha \sigma \chi] \eta \tau \epsilon \alpha \sigma \phi \alpha \lambda \eta$ $\tau \eta \nu \iota \kappa \alpha \nu$
 . $\tau$.
oテl $\sigma \nu \mu \phi \epsilon \rho \epsilon l$ § $\eta \tau \epsilon \iota \nu \pi \rho l \nu \quad$ § 12 $\overline{\delta \epsilon} \tau \alpha u \tau \alpha \pi[\rho] \alpha \xi \alpha \iota \mu \eta$ бкотєוтє тเS $\epsilon เ \pi \omega[\nu] \tau \alpha \beta \epsilon \lambda \tau \iota \sigma \tau \alpha \ddot{\sim} \pi \epsilon \epsilon \rho$
${ }_{15} \mu \omega \nu v \phi[v] \mu \omega \nu \quad \alpha \pi 0 \lambda \epsilon \sigma \theta \alpha \iota$ ßov入 $\eta \sigma \epsilon \tau \alpha \cdot$ ov $\gamma \alpha \rho \epsilon v[\rho] \eta \sigma \epsilon \tau \epsilon$ $\alpha \lambda \lambda \omega s$ $\tau \epsilon$ каı тovтоv $\mu \circ \nu 0$ $\pi \epsilon \rho \iota \gamma \iota \gamma \nu \in \sigma \theta \alpha \iota \quad \mu \epsilon \lambda \lambda$ дотоя $>$ тоv $\pi \alpha \theta \epsilon \iota \nu$ a $\delta \iota \kappa \omega s$ [ $\tau \iota$ к $\alpha$ ]коข $20[$ [ор таvта $\epsilon!] \pi о \nu \tau \alpha$ каı $\gamma \rho \alpha \psi \alpha \nu$

Fr. 6.

Fr. 7.
$[\theta \epsilon \iota S \pi \lambda \eta \nu \mu \iota \kappa \rho] \omega \nu[\epsilon \epsilon S$ a $\alpha \alpha$ § 35
[ $\xi \iota \alpha \nu \quad a \nu \in \lambda \omega \nu \quad \epsilon \iota s]$ ] $\tau\}[\iota \nu \quad \eta \gamma \alpha$ $[\gamma \circ \nu \quad \tau \eta \nu \pi \circ \lambda \iota \nu \tau] \eta \nu \alpha[v \tau \eta \nu$ $[\lambda \alpha \beta \epsilon \epsilon], v[\tau]$ ov $\sigma \tau \rho a \tau \epsilon \cup \epsilon \sigma[\theta a \iota$ тои 5 [ $\delta \iota \kappa \alpha \zeta] \epsilon \epsilon \nu \cdot$ тоv $\pi о \iota \epsilon \iota \nu \cdot \tau[0 v \theta$ o $\left[\tau \iota \kappa \alpha \theta\right.$ $\eta$ ] $\iota \iota \iota \alpha \nu$ єкабто[s € $^{\circ \circ}$ [кає oтov] ка८роS $\epsilon \iota \eta \tau \alpha \xi[\iota \nu \pi 0 \iota$ [ $\eta \sigma \alpha \mathrm{s}$ ov]к $\epsilon \sigma \tau \iota \nu$ oाov $\mu[\eta \dot{\delta} \epsilon \nu$
Fr. 1. 5. Either $\pi \epsilon \epsilon \sigma] \rho \epsilon \theta$ or $\pi \epsilon \epsilon \sigma] \omega \mu \theta$ could be read.
Frs. 2-3. 4-5. Bl. brackets $\pi \epsilon \rho \grave{̀} a \dot{\imath} \tau \hat{\omega} \nu$ and inserts $\kappa$ ai before $\pi a \rho \dot{\omega} \nu$ with Isidor. x. 126 .

Fr. 5. i. 11-12. The interlineate readings are those of the ordinary text.
19. nov: so MSS. except S, Isidor.; om. Bl., Butcher with S.
ii. $5 . \mu \eta$ has been cancelled by dots placed above.

15. ra: ra $\gamma \in$ MSS.
16. upas is bracketed by Bl. and Butcher with Cobet.
19. av $\gamma \rho a \phi[\eta$ : so A suppl.; $\gamma \rho a \phi \in i \eta$ corr. to $\gamma \rho a \phi \hat{\eta} \mathrm{~S}$, with $\dot{a} \nu \gamma \rho a \phi \hat{\eta}$ in a late hand, रрáфєє vulg. $\quad$ pa $\boldsymbol{\phi \epsilon i \eta ~ B l . , ~ B u t c h e r . ~}$

Fr. 6. 1. Either $\mu<\kappa p] \omega \nu$ (S corr. h. 1 B corr. AO, Butcher), or $\mu \kappa x p] o \nu S^{1} \mathrm{~B}^{2}$ can be read; $\mu \kappa \kappa \rho \hat{\omega}$ Bl. with Dionys.
7. Bl. brackets rágıข $\pi o เ \eta \sigma_{\sigma a s . ~}^{\text {. }}$

Fr. 7. 2-3. $a \pi a \sigma \iota \nu v \mu[\iota \nu$ $\sigma v \nu o \iota \sigma \epsilon \iota \nu: a ̈ \pi a \sigma \iota ~ \sigma v \nu o i \sigma \epsilon \iota \nu$ ípì MSS.
Phil. i.
Fr. 1.
Fr. 3.
] какшs $\tau[\alpha] \pi \rho \alpha[\gamma \mu \alpha \tau \alpha$
Fr. 2.

$[X o v \sigma \eta s \quad \alpha v \tau] \omega \iota \delta v \nu \alpha \mu \epsilon \omega s$ [
$\left[\kappa \alpha \iota\right.$ то т $\left.\alpha X^{\omega}\right] \rho \iota \alpha$ таע $\alpha \alpha$ ато [
[ $\lambda \omega \lambda_{\epsilon \nu} \omega \iota \tau \eta l \pi o \lambda \epsilon l$ op $\left.\theta \omega S\right] \mu \epsilon \nu$ [

$\epsilon \pi \iota$ т $\eta s$ тоь $\alpha v \tau \eta[s \in \theta \epsilon \lambda \eta \sigma \eta \tau \epsilon$
$\gamma \epsilon \nu \epsilon \sigma \theta \alpha \iota \quad \gamma \nu \omega \mu \eta s \quad \nu v \nu \cdot \epsilon[\pi \epsilon \iota$
[ $\delta \eta \pi \epsilon \rho$ of $\pi \rho o \tau \epsilon] \rho o \nu^{\bullet}$ Ka!! [

Fr. 4.

$\kappa \alpha \ell \pi[\alpha \nu \theta$ of $\alpha \pi \epsilon \rho \kappa \alpha \nu$ a $\lambda \lambda$ oils
$\tau \iota \sigma \iota \nu[\alpha \nu \theta \rho \omega \pi \sigma \iota s \in \nu \iota$

Frs. 5-6.
Fr. 7. Col. i.
Fr. 7.
Col. ii.
тобо[vтоע $\epsilon \pi \epsilon \iota \delta \alpha \nu \quad \alpha \pi \alpha \nu \tau \alpha \S 14$ коvб $\eta \tau[\epsilon$ кріратє $\mu \eta$ тротєрор $\pi \rho o \lambda \alpha \mu[\beta a \nu \epsilon \tau \epsilon \mu \eta \delta$ a $\omega \epsilon \xi$ ap
 5 lines lost
$10 \mu \epsilon \nu a \quad \tau \eta \iota \nu[v \nu \iota \beta o \eta \theta \epsilon \iota a l$ $\kappa \omega \lambda \nu \sigma \alpha \iota \quad \delta v[\nu \eta \theta \epsilon \iota \eta \mu \in \nu \quad \alpha \lambda$
 [ $\beta$ ov $\epsilon \delta \omega \omega s$ out $\rho \epsilon \pi \epsilon i] s$ v $\mu a s$ § $\mathrm{I}_{5} \quad[\eta \sigma u \mathrm{X} \backslash a \nu \quad \in \chi \eta \iota \quad \eta \pi \alpha \rho \iota \delta] \omega \nu$. $\tau \alpha v$
$\lambda$ oб a $\alpha \delta \epsilon \iota\left[\begin{array}{ll}\xi \eta \iota & \tau \iota S \\ \pi o p ı \sigma \theta \epsilon \iota\end{array}\right.$ $\sigma \alpha \pi \alpha \rho \alpha[\sigma \kappa є v \eta$ каı побך кає $\pi \circ \theta[\epsilon \nu \quad \delta \iota \alpha \mu \epsilon \iota \nu \alpha \iota \delta v \nu \eta \sigma \epsilon \tau \alpha \iota$
 $\sigma \theta \epsilon \nu \tau \epsilon S$ тоע $\pi \circ[\lambda \epsilon \mu \circ \nu \quad \eta \pi \epsilon$ $\rho \iota \gamma \in \nu \omega \mu \in \theta \alpha \tau \omega[\nu \in X \theta \rho \omega \nu$

$[\tau \quad \alpha \phi u \lambda \alpha \kappa \tau o s ~ \lambda \eta \phi \theta \eta]_{l} \mu \eta \delta \epsilon$ [ $\nu$ os ovtos $\epsilon \mu \pi 0 \delta \omega] \nu \pi \lambda \in \iota \nu$
 $[\alpha \nu \in \nu \delta \omega \iota$ ка८роע $\tau \alpha] \nu \tau \alpha \mu \epsilon \nu$ $[\epsilon \sigma \tau \iota \nu$ a $\pi \alpha \sigma \iota \nu \quad \delta \in \delta o \chi \theta \alpha] \iota \quad \phi \eta \mu \iota$

## Fr. 8.

Fr. 9.
[ $\mu \alpha к \rho о \nu$ тоvтоע $\alpha \lambda \lambda$ ] обоv § 21
 [ $\delta 0 \chi \eta s$ a $\alpha \lambda \eta \lambda$ ots тo]us $\delta \alpha \lambda$ [ $\lambda$ ous $\xi \in \nu$ ous $\epsilon \iota \nu a \iota ~ к \epsilon] \lambda \in v \omega$ 5 [ка८ $\mu \in \tau \alpha$ точт $\omega \nu \quad \iota \pi \epsilon]$ ]s $\delta \iota \alpha$ [koбıous кає точтшע $\pi$ ] $\epsilon \nu \tau \eta$

$\begin{array}{ccc}{[\tau \alpha \pi \epsilon \iota \nu \eta \nu]} & \epsilon \iota \nu \alpha \iota & \delta \epsilon \iota \\ \cdot & \cdot & \cdot \\ & & \text { Fr. ıо. }\end{array}$
$\pi] \alpha \nu \tau \epsilon \lambda \omega[s \quad \S 23$
$[\nu \alpha \ell] \mu \epsilon \theta[\epsilon \kappa \in \iota \sigma \quad \alpha \phi \iota \kappa \in \sigma \theta \alpha \iota \quad \delta \in \ell$
$[\tau] 0 \iota \nu v \nu$

Frs. 11-13.
Col. i.
 wS [ $\epsilon] \sigma \tau a \iota$ a $\mu \epsilon \nu$ ov $\chi[\rho \eta \sigma \epsilon$ § 33 [та८ ка] $<$ тотє тך८ $\delta \nu \nu \alpha[\mu \in \iota \pi \alpha$ [ $\rho \alpha$ то] $\nu$ каıроע о тоит $\omega \nu$ [ $\kappa v$ 5 [ $\rho \iota o] s$ катабтаs $v \phi ~ v \mu[\omega] \nu$ ßov $[\lambda \epsilon] v \sigma \epsilon \tau \alpha \iota \cdot \alpha$ $\delta v \pi \alpha \rho \xi\left[\begin{array}{ll} & \delta\end{array}\right] \epsilon \iota \pi \alpha$ $[\rho \quad v] \mu \omega \nu[\tau \alpha] \nu \tau \quad \epsilon \sigma \tau \iota \nu$ a $\epsilon \boldsymbol{\gamma} \omega \quad \gamma \in$ [ $[\gamma \rho \alpha] \phi \alpha \cdot \alpha \nu[\tau] \alpha v \tau \omega \alpha \nu \delta[\rho] \in S ~ A$ $[\theta \eta] \nu \alpha \iota o \iota \pi о \rho เ \sigma[\eta] \tau \in\left[\begin{array}{ll}\tau \alpha & \chi \rho] \eta \mu \alpha\end{array}\right.$ 10 [ $[\tau \alpha \pi \rho] \omega \tau о \nu$ a $\lambda \epsilon \gamma \omega \cdot[\epsilon \iota \tau] \alpha \kappa \alpha \ell$ $[\tau \alpha \lambda] \lambda \alpha, \pi \alpha \rho \alpha \sigma \kappa \epsilon v \alpha \sigma \alpha[\nu \tau \epsilon] s$ тous [ $\sigma!\tau \rho \alpha \tau \iota \omega \tau \alpha s$ тas т $\rho \iota \eta \rho \in \iota S$ тоv[s]

Col. ii.
Oovta Xpovov єıs $\Lambda \eta \mu \nu[0 \nu \quad$ § 34 кає I $\mu \beta$ роу $\epsilon \mu \beta[\alpha \lambda \omega \nu \quad \alpha \iota \chi \mu \alpha$
 $\omega \iota \chi \epsilon \tau \in \chi^{\omega \nu} \kappa \alpha \iota \pi \rho o s \tau \omega t$ [
$5 \Gamma \epsilon \rho \alpha \llbracket \iota]] \sigma \tau \omega \iota \quad \tau \alpha \pi \lambda[o \iota \alpha \sigma v \lambda \lambda \alpha \beta \omega \nu$ $\alpha \mu v \theta \eta \tau \alpha$ Х $\quad{ }^{2}[\mu a \tau \alpha \quad \epsilon \xi \epsilon \lambda \epsilon \xi \epsilon$ $\tau \alpha$ $\tau \in \lambda \epsilon u \tau \alpha \iota[\alpha$ є८S $M a p \alpha \theta \omega \nu \alpha$ $\alpha \pi \epsilon \beta \eta \kappa \alpha \iota[\tau \eta \nu \quad \iota \epsilon \rho \alpha \nu \alpha \pi \%$ $\tau \eta S \chi^{\omega}\left[\rho a s \omega^{\omega} \chi \in \tau \in \chi \omega \nu \tau \rho \iota\right.$ 10 $\eta \rho \eta^{\cdot} v \mu[\epsilon \iota S$ ס оитє таuта $\delta v$ $\nu \alpha \sigma \theta \epsilon \kappa \omega[\lambda v \epsilon \iota \nu$ ovt $\epsilon \iota S$ tous Xpo[vous ous av $\pi \rho o$
$[\iota \pi \pi] \in \alpha s \in \nu \tau \epsilon \lambda \eta \pi \alpha \sigma \alpha \nu \tau \eta \nu$ [ $\delta v \nu \alpha] \mu \iota \nu \nu о \mu \omega \iota$ катак $\epsilon \epsilon \iota \sigma$
${ }^{1} 5$ [ $\left.\tau \epsilon \epsilon \pi\right] \ell \tau \omega t \pi o \lambda \epsilon \mu \omega[l] \mu \epsilon \nu \epsilon \iota \nu$ $[\tau \omega \nu] \mu \in \nu$ Х $\rho \eta \mu \alpha \tau \omega[\nu]$ avто८> $[\tau] a \mu \iota \alpha \iota$ ка८ торıбта[ $\gamma \iota \gamma \nu] 0 \mu \epsilon$, $[\nu] o \iota \cdot \tau \omega \nu \quad \delta \epsilon \pi \rho a \xi[\epsilon \omega \nu \pi \alpha \rho a ~ \tau о \nu$
 20 [ $\tau \in s \pi \alpha v \sigma \epsilon \sigma \theta \epsilon \quad \alpha \in \iota \pi \epsilon \rho l$ ]
$\left[\begin{array}{ll}\tau \omega \nu & \alpha\end{array}\right] \cup \tau[\omega \nu \quad \beta o u \lambda \epsilon \nu 0 \mu \in \nu 0 \iota$ 7 lines lost
$\mu \alpha[X \omega \nu$ a $\alpha \omega \nu$ к $\alpha \iota ~ \phi \in \rho \omega \nu$ tous $30 \pi \lambda \epsilon 0 \nu[\tau \alpha s$ т $\eta \nu \quad \theta \alpha \lambda \alpha \tau \tau \alpha \nu \in$ $[\pi] \epsilon \iota \tau \alpha \tau[\iota \pi \rho o s ~ \tau о \cup \tau \omega l ~ \tau о v ~$

Fr. 14.
[атакта $\alpha]$ орıбта $\alpha[\delta \operatorname{lo\rho } \theta \omega$ $\left[\begin{array}{cc}\tau \alpha & \alpha \pi \alpha \nu \tau] \alpha \text { тoly} \alpha \rho o v[\nu \quad \alpha \mu \alpha\end{array}\right.$ [ $\alpha \kappa \eta к о \alpha \mu \epsilon \nu]$ ть каl т $\rho \ell[\eta \rho \alpha \rho$ [Xous каөlбт $\alpha \mu \epsilon] \nu$ каו то[итоוs
5 [ $\alpha \nu \tau \iota \delta o \sigma \in \iota S \pi o l o v] \mu \in \theta[\alpha$ к кı [ $\pi \epsilon \rho \iota ~ Х \rho \eta \mu \alpha \tau \omega \nu] \pi о \rho о \nu ~ \sigma к о ~$
 [ $\beta$ alvelv tous $\mu$ ]етоוкоиs [ $\epsilon \delta 0 \xi \epsilon$ каl tous X] $] \omega \rho i s$ oıкои⿱ 10 [ $\tau \alpha \mathrm{s} \epsilon \tau \tau$ avtous $\pi \alpha \lambda] \iota \nu \alpha \nu \tau \epsilon \mu$ $[\beta \iota \beta \alpha \zeta \epsilon \iota \nu \in \iota \tau \in \nu \quad \sigma \omega \omega] \iota \tau \alpha v[\tau \alpha$

Fr. 16.

$$
] \ldots[\quad \S 40
$$

$[\gamma \eta S \in X \in \tau \alpha]\llcorner\cdot \kappa \alpha \nu \in[\tau \epsilon \rho \omega \sigma \epsilon \pi \alpha \tau \alpha$ $[\xi \eta \iota \tau \iota s] \in \kappa \in \iota \sigma \epsilon \in \iota \sigma\left[\iota \nu\right.$ al $X^{\epsilon \iota}$


${ }^{1} 5 \mu \iota \xi \epsilon \tau \epsilon \tau \eta \nu[\mu \in \nu \tau \omega \nu \Pi \alpha \nu$ $\alpha \theta \eta \nu \alpha \iota \omega \nu \in[0 \rho \tau \eta \nu$ ка८ т $\eta \nu$ $\tau \omega \nu \quad \Delta \iota o \nu v \sigma \iota[\omega \nu \quad \alpha \in \iota$ тоv $\kappa \alpha \theta \eta$ коуtos $X \rho[0] \nu[0 v \quad \gamma \iota \gamma \nu \epsilon \sigma \theta a \iota$ $\alpha \nu \tau \epsilon \delta \epsilon![\nu 0 \iota \lambda \alpha \chi \omega \sigma \iota \nu \quad \alpha \nu \tau \epsilon$ 20 ï $\delta \omega \tau[\alpha \iota$

## 3 lines lost

 25 [ $\lambda \omega \nu$ каl] $\tau 0 \sigma 0 v \tau[0 \nu$Fr. 15. Plate IV. $[\operatorname{rov} \theta \nu \beta] \rho \epsilon \omega s$ є $\quad \eta \lambda \nu \theta \epsilon \nu \omega \sigma$ [ $\tau \in \pi \iota \sigma \tau] \epsilon \lambda \lambda \epsilon \iota \nu$ Evßoєvбıข
 [ $\epsilon \pi \iota \sigma \tau o \lambda \eta s$ a] $\nu \alpha \gamma \nu \omega \sigma \iota s$
 $[\tau \omega \nu \quad \alpha \nu \epsilon \gamma \nu \omega \sigma \mu \epsilon \nu \omega] \nu \quad a \lambda \eta \theta \eta$ $[\mu \in \nu \in \sigma \tau \ell \tau \alpha \pi o \lambda \lambda \alpha \omega] s$ ouk $\epsilon \delta \epsilon \iota \quad$ o[ $u$ $[\mu \eta \nu \quad \alpha \lambda \lambda$ ı $\sigma \omega s$ o] $u x \quad \eta \delta \epsilon \alpha$ aк[ov $[\epsilon \iota \nu \alpha \lambda \lambda \in \iota \mu \epsilon \nu]$ oб $\alpha$ $\alpha \nu$ Tis $v>$ $10[\pi \epsilon \rho \beta \eta \iota \tau \omega \iota \lambda o \gamma] \omega \iota$ เva $\mu \eta \lambda v=$ $[\pi \eta \sigma \eta \iota$ каו та $\pi \rho] \alpha \gamma \mu \alpha \tau \alpha$ vтєp $[\beta \eta \sigma \epsilon \tau \alpha l]$ סєl $\pi \rho o s ~ \eta \delta о \nu \eta \nu$ $[\delta \eta \mu \eta]$ борєь ${ }^{\bullet}$ єь $\delta \eta \tau \omega \nu$ 入o $[\gamma \omega] \nu \quad$ X $\alpha \rho \iota s$ а $\eta \iota \mu \eta \pi \rho о \sigma \eta \kappa о v$
${ }_{15}\left[\begin{array}{cc}\sigma \alpha & \epsilon \rho \gamma \omega l]\end{array}{ }^{2} \eta \mu l \alpha \quad \gamma \iota \gamma \nu \in \tau \alpha[\iota\right.$ $[\alpha \iota \sigma \times \rho \circ \nu \epsilon] \sigma \tau \iota \quad \phi \epsilon \nu \alpha \kappa \iota\} \epsilon \iota \nu[\epsilon \alpha \nu$ [rous к $\alpha \iota$ ] $\alpha \pi \alpha \nu \tau^{\prime} \alpha \nu \alpha \beta \alpha \lambda \lambda[0$ [ $\mu \in \nu$ ous $\alpha]$ av $\eta \delta v \sigma \chi[\epsilon \rho \eta \pi \alpha \nu$ $\left[\begin{array}{lll}\tau \omega \nu & v \sigma \tau \epsilon \rho \iota\end{array}\right] \leqslant \epsilon \iota \nu \quad \tau \omega[\nu \quad \epsilon \rho \gamma \omega \nu$
$[\rho \epsilon s] \pi \rho o \beta \alpha \lambda \lambda \epsilon \sigma \theta \alpha[\iota \delta \epsilon \quad \eta \beta \lambda \epsilon$
$[\pi \epsilon \iota \nu \quad \epsilon \nu] \alpha \nu \tau \iota 0[\nu$ ovt oid $\epsilon \nu$
5 [out $\epsilon \theta \in \lambda \epsilon \iota$ ] $\kappa \alpha[\iota$

Fr. 17.
$[\pi \epsilon \rho l]$ тov $\pi \rho \lambda[\epsilon \mu 0 v$ ou $\delta \epsilon \pi \rho o$ § 41 $[\tau \omega] \nu \pi \rho \alpha \gamma \mu \alpha \tau[\omega \nu \pi \rho о o \rho \alpha \tau \epsilon$ [o] $\rangle \delta \epsilon \nu \quad \pi \rho \iota \nu\left[\begin{array}{lll}a \nu & \eta & \gamma \epsilon \gamma \epsilon \nu \eta\end{array}\right.$ $[\mu] \in \nu O \nu \quad \tau \iota \eta \quad \gamma[\iota \gamma \nu 0 \mu \in \nu O \nu$
$5[\pi \nu \theta \eta] \sigma \theta \in[\tau] \alpha \nu \tau \alpha \delta[\iota \sigma \omega s \pi \rho o$ $[\tau \in \rho o] \nu \quad \mu \in \nu \quad \eta \nu \cdot \nu v[\nu \delta \delta \pi \alpha v$ [ $\tau \eta \nu \quad \eta] \kappa \in[\iota] \tau \eta[\nu] \alpha \kappa \mu[\eta \nu$

## Fr. 21.

$[\mathrm{Xol} \tau] \epsilon \theta \nu \alpha \sigma \iota\left[\begin{array}{lll}\tau \omega l & \delta \epsilon \epsilon l & \tau o v s \\ \hline\end{array}\right.$ [tooo]utous a[moбтo入ous ou $[\gamma \alpha \rho \in] \sigma \tau \iota \nu \quad$ o[vк $\epsilon \sigma \tau \iota \nu \omega \alpha \nu$ $[\delta \rho \in S A] \theta \eta \nu[\alpha \iota o \iota \in \nu \quad \alpha \nu \delta \rho \alpha \delta v$
5 [ $\nu \eta \theta \eta] \nu \alpha[\iota$ тотє $\tau \alpha \nu \theta \nu \mu \iota \nu$

$$
\text { Fr. } 23 .
$$

$[\gamma \mu \alpha \tau \alpha \iota \sigma] \times \underline{p}[\nu \eta s \omega \sigma \tau \epsilon \tau \omega \nu \sigma \tau \rho \alpha \S 47$ $\left[\begin{array}{ll}\tau \eta & \omega \nu \\ \epsilon\end{array}\right] \kappa \alpha \sigma \tau o[s$ סıs к $\alpha \iota \tau \rho \iota s$ $[\kappa \rho \iota \nu \epsilon] \tau \alpha \iota \pi \alpha \rho \quad \varphi[\mu \iota \nu \pi \in \rho \iota \quad \theta \alpha$ [ $\nu a \tau 0 u$ ] $\pi \rho o s \delta \in$ [tous $\in X$ Xpous
5 [ovס $\epsilon t$ ] ov $\alpha \pi \alpha[\xi$ $\alpha v \tau \omega \nu \alpha$

Frs. 18-20.
$[\delta \epsilon \iota S \quad \nu \mu \omega \nu \mu \eta \tau \epsilon] \nu \theta \cup v[\mu \epsilon \tau \tau \alpha \iota \S 43$
$\left[\begin{array}{lll}\mu \eta \tau & \text { opyts }\} \in \tau \alpha \iota & \circ \rho]\end{array} \omega \nu \omega a[\nu\right.$
 3 lines lost $\left[\begin{array}{lll}\sigma \alpha \nu & \eta \delta \eta & v \pi \epsilon \rho \\ \tau 0 \nu & \mu \eta & \pi\end{array}\right] \alpha \theta \epsilon \iota$
 $[\mu \eta \nu$ oт८ $\gamma$ ov $\sigma \tau \eta \sigma \epsilon \tau \alpha] \iota \delta \eta \lambda o \nu$ $10[\epsilon \iota \mu \eta \quad \tau \iota S$ av $] 0 \nu[\kappa \omega \lambda \nu \sigma] \in \iota \in[\iota \tau \alpha$ [тоvт $\alpha \nu \alpha] \mu \epsilon \nu 0[\nu \mu \epsilon \nu$ кац $\tau \rho \iota$
 $[\delta \epsilon \iota \nu O S \quad \epsilon] \lambda \pi i \delta \alpha[S \quad \alpha \nu \quad a \pi \sigma \sigma \tau \epsilon \epsilon \lambda \eta$ Fr. 22.
$\pi] \rho \alpha \xi \eta[\iota \quad \pi \rho o s \quad v \mu \alpha s$
$[\mu \epsilon \nu \quad \gamma \alpha \rho \quad \epsilon \sigma \tau \iota \quad \kappa \rho \iota] \theta \epsilon \nu \tau \alpha \quad \alpha[\pi 0$ $\left[\theta \alpha \nu \in \iota \nu\right.$ oтparך]you $\delta \in \mu\left[\alpha \times{ }^{0}\right.$


```
[\gamma\omega\nu\iota\sigma\alpha\sigma]0\alpha\iota \pi\epsilon\rho[\iota 0\alpha\nu\alphaтov
[\tauо\lambda\mu\alphal] \alpha\lambda\lambda\alpha \tauо\nu \tau[\omega\nu \alpha\nu\delta\rho\alpha\piо
[\delta\iota\sigma\tau\omega\nu] к\alpha\iota \lambda\omega\pi\sigma[\delta\nu\tau\omega\nu\nu 0\alpha
[\nua\tauov \mua\lambda]\lambdao\nu [\alpha\iota\rhoov\nu\tau\alphal
```

Fr. 25.
$[\beta \epsilon \iota \varsigma \pi \epsilon \pi o \mu \phi \epsilon] \nu$ ws $\beta \alpha \sigma \iota \lambda\left[\epsilon \quad \S 4^{8} \quad[\pi \rho \alpha \gamma] \mu \epsilon \nu \omega \nu[\kappa \alpha \iota \pi 0 \lambda \lambda \alpha\right.$ тol § 49
$\left[\begin{array}{lll}\alpha & \text { ol } \delta \epsilon \epsilon \nu & I \lambda \lambda \nu] \rho L o i s ~ \pi[o \lambda \epsilon i s\end{array}\right.$

Fr. 27 .
[ovv $\tau \epsilon] s \alpha[\lambda \alpha \nu \alpha \phi \epsilon \nu \tau \epsilon S$

$\epsilon_{\chi}$ Ө $\rho$ os $\alpha \nu[\theta \rho \omega \pi$ оs кац $\tau \alpha \eta$
$\mu \epsilon \tau \in \rho \alpha \quad \eta \mu[\alpha \Omega$ a $\pi о \sigma \tau \in \rho \epsilon \iota$
5 ка८ Х $\rho о \nu о[\nu$ подข $\nu \nu \beta \rho \iota \kappa \epsilon$

Fr. 28.
 $[k \omega \iota \eta \delta$ oт $\pi \alpha] \sigma \iota \quad \mu \epsilon \lambda \lambda \epsilon \iota \sigma[\nu \nu$ [o८ $\quad$ ]
$[\alpha \nu \tau \alpha \alpha \quad$ $\nu \epsilon]!\rho o \pi[0 \lambda \epsilon \iota \nu \in \nu \quad \tau \eta \iota$
$[\gamma \nu \omega \mu \eta]!\tau \eta \nu[$
Fr. 26.

Fr. 4. I. The addition of aut $\omega$ after extev would make the line too long; om. S, Bl., Butcher.
2. $\pi\left[a v \theta\right.$ : so Y ; $\tilde{\alpha}^{2} \pi a \nu \theta^{\prime}$ others, Bl., Butcher.

Frs. 5-6. 11. Bl. and Butcher write $\delta v \nu \eta \theta_{\epsilon} i \mu \in \nu$.
15. rєшs: so FB Prooem. 21, Bl. ; ${ }^{\text {ens }} \mathrm{S}$, vulg., Butcher.

Fr. 7. ii. Since no letter can be read with certainty, an identification of these lines is too doubtful to be of any value.

Fr. 8. 1. There is no trace of writing above this line, but the surface of the papyrus is rather damaged.
3. Bl. brackets $\dot{\alpha} \lambda \lambda \dot{\eta} \lambda o \iota s$, which is omitted by Dionys. and Liban.

Fr. 10. A spot of ink on the edge of the papyrus is doubtfully identified as a paragraphus, which would however be quite in place. Whether $-\nu a l]_{\mu \in \theta}$ or $\left.-\nu \omega\right] \mu \in \theta$ was written cannot in any case be determined.

Frs. 11-13. i. 1-2. The papyrus seems to have had the ordinary reading, which
 with Wolf.
10. a $\lambda \in \gamma \omega$ : so vulg., Butcher ; om. a S, Bl.
ii. 4. $\epsilon \chi \omega \nu$ : so SAY, Butcher ; ä $\gamma \omega \nu$ vulg., Bl.

кат: so MSS. except S, which omits каi : om. Bl., Butcher.
5. The deletion of the first 1 of $\Gamma$ ¢ $\rho a \iota \sigma \tau \omega t$ seems to have been intended. There is a dot just above and slightly to the left of the $\imath$, and on the line between $a$ and $\imath$ something like a comma, both marks being in rather lighter ink. Гєpaatệ SBO, Bl.; repatatệ vulg., Butcher.
12. Either $\pi \rho \rho \mid \theta_{\eta} \sigma \theta_{\epsilon}\left(\mathrm{SFB}, \mathrm{Bl} .\right.$, Butcher) or $\pi \rho o \sigma^{\prime} \theta_{\eta} \sigma \theta \epsilon$ (A) might have been written; $\pi \rho \rho^{\prime} \lambda \eta \sigma \theta \varepsilon$ vulg.

Fx. 14. 1. a]opıata a[8̊op $\theta \omega \tau a$ : so vulg.; à $\delta \iota o ́ p \theta \omega \tau a$ áópıб $\theta^{\prime}$ SAY, Bl., Butcher.

Fr. 15. 18. a]: so S ; other MSS. have ofa, but for this there is not room unless avaßa入入[ $0 \mu \epsilon \nu$ ous was differently divided, which is improbable.
19. var $] \in[p] \epsilon \iota(\mathrm{S}, \mathrm{Bl} .$, Butcher) is possible as a reading, but considerations of space favour $v \sigma \tau \epsilon \rho \iota] \zeta \epsilon \epsilon \nu$.
27. тı[s av: so SY, Bl., Butcher; äv tis others.

Fr. 16. 2-3. $\pi a \tau a \mid \xi \eta \iota \tau t s:$ or $\pi a \mid \tau a \xi \eta \iota s$, with S .
Fr. 17. 3-4. $\gamma \epsilon \gamma \epsilon \nu \eta \mu] \epsilon \nu \sigma \nu$ тє $\eta \gamma\left[\iota \gamma \nu \rho \mu \epsilon \nu \nu \nu: \gamma \epsilon \gamma . \vec{\eta} \gamma \iota \gamma \nu . \tau_{\iota}\right.$ most MSS., Bl., Butcher; Y transposes $\gamma \epsilon \gamma$. and $\gamma เ \gamma \nu$., and the same order is equally possible in the papyrus, to which the position given to $\tau \iota$ is apparently peculiar.
 would be very easy after $\mu \epsilon \nu$.

10. avt]ov [ $\kappa \omega \lambda \nu \sigma] \epsilon \iota$ : so YO ; aùvòv к $\omega \lambda \dot{v} \sigma \eta_{\iota} \mathrm{F}, \kappa \omega \lambda \dot{\sigma} \sigma \eta \iota \mathrm{S}$, к $\omega \lambda \dot{\sigma} \sigma \epsilon \iota$ Bl., Butcher.

Fr. 21. I. rovs, which Bl. omits with Schol. Aristid. p. 196, was evidently in the papyrus.
$3-5$. There is apparently no authority for the insertion of $\bar{\omega}$ ä $\nu \delta \rho \epsilon s$ ' $A \theta$. after $\epsilon \sigma \tau \iota v$ here, but this seems the easiest explanation of the clear ]ua[in 1. 5, which cannot be סeiva unless there was a considerable omission; moreover if $[\delta v \nu \eta] \theta \eta \nu[a r$ be read in I. 4, the supplement

 either the dropping or insertion of $\tilde{\omega}^{\prime \prime} \nu \nu \delta$. ' $A \theta$.

Fr. 24. I. This line was probably the first of a new column, which is expected about this point. The margin above it, like that below Fr. 23. 9, is broken, but that the two fragments belonged to different columns is indicated by their dissimilar appearance.

Fr. 28. 2. $\pi a] \sigma \iota$ : so $\mathrm{S}(\pi \hat{a} \sigma \iota \nu), \mathrm{Bl}$., Butcher; $\pi \hat{a} \sigma \iota \nu \dot{v} \mu i \nu$ other MSS.

## De Pace.

Fr. 1.

Col. i.
 $[\alpha \nu \tau \omega \nu$ крат $\eta \sigma \alpha \nu \tau \alpha] s \delta_{\epsilon}$ тous $\epsilon$ [ $\tau \epsilon \rho \circ$ ous $\delta \epsilon \sigma \pi \sigma \tau \alpha] s$ $v \pi \alpha \rho[X] \epsilon \iota \nu$
 5 [ $\mu \alpha \iota \phi \circ \beta \epsilon \rho \circ \nu \kappa \alpha \iota] \tau \iota \phi \cup \lambda \alpha \xi \alpha$ [ $\sigma \theta \alpha \iota \delta \epsilon \iota \nu \quad \eta \mu \alpha s]$ $\mu \eta$ коเ $\eta \nu$
 $[\kappa \lambda \eta \mu \alpha$ о $\mu \in \lambda \lambda \omega \nu] \pi \circ \lambda \in \mu \circ S$ $[\pi \rho o s ~ a \pi \alpha \nu \tau \alpha s ~ \lambda \alpha] \beta \eta \iota \cdot$ єı $\gamma \alpha \rho$ § 18
 [ка८ Mєүадотодıт]a! кa! тเขєs $[\tau \omega \nu \quad \lambda o \iota \pi \omega \nu \quad \Pi \epsilon] \lambda o \pi o \nu[\nu \eta$ [ $\sigma \iota \omega \nu$ oбol таuта тo]utols фpo [ $\nu$ ovaı $\delta \iota \alpha$ т $\eta \nu \pi \rho]$ ]s $\Lambda \alpha \kappa[\epsilon$
15 [ $\delta \alpha \iota \mu o \nu$ lous $\eta \mu \iota \nu \epsilon \pi \iota \kappa$ ] $\eta \rho \nu$
 $[\tau 0 \quad \delta o \kappa \epsilon \iota \nu \quad \epsilon \nu \delta \in \mathrm{X}] \in \sigma \theta a \iota[\tau \iota$ [ $\tau \omega \nu$ єкєเขoוs $\pi \epsilon \pi \rho \alpha \gamma \mu \epsilon \nu \omega \nu$ ]
 20 [ $\lambda \epsilon$ you $\sigma \nu \quad \alpha \pi \epsilon \chi] \theta[\omega S$

Col. ii.
$\pi \epsilon \rho \iota[\tau \omega \nu$ เ $\delta \iota \omega \nu$ єкабтos op § 19

$\alpha \gamma \alpha \gamma \omega[\sigma]![\tau 0 \nu \pi 0 \lambda \epsilon \mu \circ \nu \tau \alpha \tau \omega \nu$

$5 \sigma \tau \eta[\sigma \alpha \mu \epsilon \nu O \iota \quad \epsilon \iota \tau \alpha \in \pi \iota \sigma \pi \alpha$
$\sigma \theta \omega \sigma[\iota \nu \quad \epsilon \kappa \alpha \sigma \tau \circ \iota \pi \epsilon \rho \alpha$ тои
$\sigma u \mu \phi[\epsilon \rho о \nu \tau 0 s$ єavtols $\eta \mu \iota \nu$ $\pi 0 \lambda \epsilon[\mu \eta \sigma \alpha \iota \omega \sigma \pi \epsilon \rho \kappa \alpha \iota \pi \epsilon \rho \iota$
 $10 \bar{\theta}_{\text {oтl }}\left[\nu v \nu \Theta_{\eta} \beta\right.$ alol каl $\Phi_{l \lambda \iota \pi}$ тоS к[al $\Theta \epsilon \tau \tau \alpha \lambda o l ~ o u \chi l ~ \tau a u \tau \alpha ~$ єкабт[о८ $\mu \alpha \lambda \iota \sigma \tau \alpha$ єбтоиסако $\tau \epsilon \mathcal{S} \tau \alpha \cup[\tau \alpha \pi \alpha \nu \tau \epsilon S \in \pi \rho \alpha \xi \alpha \nu$ olov $\Theta\left[\eta \beta \alpha l o l\right.$ тov $\mu \epsilon \nu \Phi_{i \lambda} / \pi$ $15 \pi 0 \nu \pi \alpha[\rho \epsilon \lambda \theta \epsilon \iota \nu$ к $\alpha \iota \lambda \alpha \beta \epsilon \iota \nu$

таs $\pi \alpha \rho 0[\delta o u s$ ouk єठuvavтo $\kappa \omega \lambda \nu[\sigma \alpha l$ ov $\delta \epsilon \gamma \epsilon \tau \omega \nu$ autols
$\pi \epsilon \pi[0 \nu \eta \mu \epsilon \nu \omega \nu$ v $\sigma \tau \alpha \tau \circ \nu$
$\epsilon \lambda \theta_{0}[\nu \tau \alpha \quad \tau \eta \nu$ סogav єXєเV

то [ $\tau \eta \nu \quad \chi \omega \rho \alpha \nu$ кєкоцьб $\theta \alpha \iota$
$\pi[\epsilon \pi \rho а к \tau a \iota ~ \tau \iota \pi \rho o s ~ \delta \epsilon \tau \iota \eta \nu \nu$
$\kappa[\alpha \iota \delta o \xi \alpha \nu \quad \alpha \iota \sigma \chi \iota \sigma \tau \alpha \in \ell \quad \gamma \alpha \rho \mu \eta$
$\pi\left[\alpha \rho \eta \lambda \theta \epsilon \Phi_{i \lambda} / \pi \pi o s\right.$ ov $\delta \epsilon \nu \quad \alpha \nu$
25 a[vтоıs є $\delta$ окєı єıval таuта
$\delta$ [ouk $\epsilon \beta$ oùоขто $\alpha \lambda \lambda \alpha \tau \omega \iota$

Fr. 1. 2. emigrparevel $(\mathrm{O})$ suits the length of the line better than - $\sigma \epsilon \omega$, but remains of course uncertain.

Fr. 2. i. 2. Either aut $\boldsymbol{\nu}$ or $\epsilon a v \tau \omega \nu$ can be read.
 not room, vulg.
ii. $7-8$. $\eta \mu \nu \nu] \pi o \lambda \in[\mu \eta \sigma a t$ : so MSS. ; Bl. and Butcher bracket, following the indications of Schol. p. 164.
22. $\pi[\epsilon \pi \rho a \kappa \tau a \iota \tau \iota$ : so S Bl., Butcher ; кí̀лıбтa пе́трактаи other MSS., Isidor.

## 1811. Demosthenes, C. Timocratem.

$$
16 \times 23 \mathrm{~cm} . \quad \text { Third century }
$$

Parts of three consecutive columns, written with a rather coarse pen in well formed medium-sized uncials of the sloping oval type, for which an approximate terminus ante quem is provided by remains of threc columns of an account inscribed on the verso in cursive of about the middle or latter half of the third century. The hand of the recto, which does not suggest a date before A. D. 200, may therefore be appropriately referred to the first half of the century. Cols. i -ii consisted of 39 lines each, and the height of the roll, if the margin at the bottom was of similar depth to that at the top, was about 27 cm ., while the width of the column was about 6 cm . Another hand, using a thinner pen and lighter coloured ink, has inserted a marginal adscript at Col. ii. 5 and supplied an omission in Col. iii. 22, and this hand may well be responsible for both the dots of punctuation (in all three positions) and a few rough breathings, which are no doubt secondary.

Though, as usual, inconsistent in its support, 1811 shows some affinity with F (Marcianus 416), with which it agrees four times against the other MSS. Coincidences with A (iii. 13-16) and SAY (ii. 7) are also noticcable.

> Col. i.

ov фla入al $\delta \epsilon$ к $\alpha \ell \tau \alpha$ тоו $\alpha[v$
$\tau \alpha \pi \lambda$ ovtov каı $\sigma[\tau \epsilon \phi \alpha] \nu$ os $\mu \in \nu$
$\alpha \pi \alpha s$ каע $\mu \iota \kappa \rho o s ~ \eta ~ \tau \eta \nu[i]$
 $\gamma \alpha \lambda \omega l \in \kappa \pi \omega \mu \alpha \tau \alpha$ $\delta \epsilon \eta \theta v$ $\mu \iota \alpha \tau \eta \rho \iota \alpha \quad \eta$ т $\alpha$ тоเ $\alpha \cup \tau \alpha$ к[ $\tau] \eta$ $\mu \alpha \tau \alpha \cdot \in \alpha \nu \quad \mu \in \nu \quad v \pi \epsilon \rho \beta \alpha \lambda$
$\lambda \eta \tau \omega \iota \pi \lambda \eta \theta \epsilon \iota \pi \lambda$ литоv $\tau \iota$
Iо $\nu \alpha \delta_{0} \xi \alpha \nu \pi \rho о \sigma \epsilon \tau \rho \stackrel{\psi}{ } \alpha \tau 0$
Tols $\kappa \in \kappa \tau \eta \mu \in \nu O \iota \varsigma^{\cdot} \in \alpha \nu \delta \in$

Col. ii.
$\tau \omega \nu \tau[\omega] \nu \quad \in \pi \quad \epsilon \kappa \epsilon \iota \nu O L S$ $\sigma \tau \alpha \theta \epsilon \nu \tau \omega \nu$ то $\kappa \alpha \lambda \lambda$ оs $\pi \rho о$
$\pi \nu \lambda \alpha \iota \alpha$ $\tau \alpha \tau \tau \alpha$ о $\pi \alpha \rho \theta \epsilon \nu \omega \nu$ бтоal $\nu \in \omega \sigma$ оıкоя ovk а $\mu \phi$ о 5 рıбкоь $\delta v o$ ov $\delta \epsilon$ X $\rho v \sigma \iota \delta \epsilon s \quad$ фıa入(aı)

кабтך $\mu \nu \alpha \nu$ ov $\gamma \alpha \rho \in \alpha u \tau 0 \cup s$ § 185
$\delta \in \kappa \alpha \tau \epsilon \mathcal{V} \nu \tau \in S$ ov $\delta \epsilon \stackrel{\text { a }}{\alpha} \kappa \alpha$
$\tau \alpha \rho \alpha \sigma \alpha l \nu \tau$ a ol $\epsilon X^{\theta \rho o \iota ~ \pi o \iota ~}$
10 ouvtes $\delta \iota \pi \lambda a s ~ \pi \rho a \tau t o \nu$
JєS $\tau \alpha s$ єєбфораs $\tau \alpha \nu \tau \alpha$ a
$\nu \epsilon \theta \epsilon \sigma \alpha \nu$ ov $\delta$ oเoเ $\sigma \pi \epsilon \rho$ $\sigma v$


 $[\alpha] \nu \in v \quad \phi \rho \circ \nu \omega \nu \in v \xi \alpha เ \tau[0$
$\pi \iota \mu \iota \kappa p[0 \iota s \tau i s] \sigma \epsilon \mu \nu v \nu \eta$
$[\tau \alpha \iota$ тобov $\alpha \pi \epsilon X \in \iota$ то］v $\tau \iota \mu \eta s$
［тוvos $\delta \iota \alpha$ таvта $\tau v \chi] \epsilon \iota \nu$
${ }_{1} 5[\omega] \sigma \tau[\alpha \pi \epsilon \iota \rho o k \alpha \lambda o s \pi \rho]$ os $\epsilon \delta 0$
$\xi \in \nu \in[\iota \nu a \iota$ outos $\tau o l] \nu v \nu$
$\alpha \nu \epsilon \lambda\left[\begin{array}{ll}\omega \nu & \tau \alpha\end{array}\right] \tau \eta\left[\begin{array}{ll}s & \delta O \xi\end{array}\right] \eta S \quad \kappa \tau \eta$
$[\mu \alpha \tau \alpha$ тov $\pi \lambda]$ ou $\tau \circ[v] \pi \epsilon \pi o \iota \eta$
$[\tau \alpha \iota \mu \iota \kappa \rho \alpha<] \alpha \iota$ ov $\chi \quad v \mu \omega \nu \quad \alpha$
$20\left[\begin{array}{lll}\xi \iota \alpha & \alpha \lambda \lambda & \text { ov } \delta]\end{array}\right] \kappa \epsilon[\iota] \nu \quad \epsilon \iota \delta \epsilon \nu \quad § 184$
［ot $\pi \rho o s \mu \epsilon \nu$ Х $\rho \eta \mu \alpha] \tau \omega \nu$
［ $\tau] \eta \nu$ mo入l $\ell \in s$ opovola $\nu$
 $\kappa \lambda \epsilon o s \quad \lambda \in \lambda o \iota \pi \alpha \sigma \iota \nu \quad \tau[o v s] \in \pi \iota$ 20 т $\eta \delta \epsilon v 0 \nu \tau \alpha s$ ola $\sigma 0 l ~ \beta \epsilon \beta \iota \omega$ $\tau \alpha \ell$ T $\eta S$ ауopas $\epsilon \iota \rho \gamma 0 \nu \tau \epsilon S^{\circ}$
 AӨクขalo兀 $\pi \rho \circ \eta \chi \theta \eta \tau \epsilon \epsilon v$ $\eta \theta l a s ~ к а \iota ~ p a l \theta u \mu l a s ~ w \sigma т \epsilon ~$ $25[0] v[\delta \epsilon$

Col．iii．
$\nu \alpha \iota$ тolout $\omega \nu \in \pi \iota \tau \eta[\delta \epsilon v$ $\mu \alpha \tau \omega \nu$ o८ $\alpha$ тоvт $\omega \iota \beta \epsilon[\beta \iota \omega$ $\tau \alpha \iota \cdot \kappa \alpha \iota \pi \epsilon \rho \iota \mu \epsilon \nu$ тov $[0 v$ § 187 ката $\sigma \chi$ о入 $\eta \nu \cdot \stackrel{\stackrel{\rightharpoonup}{\alpha}}{\alpha} \delta \in T \iota \mu[о к \rho \alpha$
5 тєl $\sigma v \nu \epsilon \rho \in L$ mo入入 $\alpha \quad \lambda \in \gamma\left[\epsilon L l^{\prime} \epsilon\right.$
$\tau \iota \pi \rho o s ~ t o v \tau o l s ~ \epsilon X \omega \nu \pi[\alpha \nu \sigma o$ $\mu \alpha \iota^{\circ}$ oı $\delta \alpha$ о oti $\omega s \mu \in \nu$［ovk $\alpha \sigma \nu \mu$ оороs $v \mu \nu \quad \epsilon \sigma \theta$ о $\nu[0$ $\mu$ оs к $\alpha \iota \pi[\alpha] \rho \alpha \pi \alpha \nu \tau \alpha s$ ז［ous
10 vouous $\epsilon \epsilon \sigma \epsilon \nu \eta[\nu] \epsilon \gamma \mu \epsilon \nu[$ os
ка८ ката таעта а $\delta \iota \kappa \omega s$［ $\epsilon$
$\chi \omega \nu$ ov $\chi \in \xi \epsilon \iota \lambda \epsilon \gamma \epsilon \iota \nu[\alpha \kappa o v$
$\omega \delta$ $\alpha v \tau 0 \nu$ ws $\epsilon к \tau \epsilon \tau \iota \sigma \tau[\alpha \iota$
$\tau \alpha \quad \chi[\rho] \eta \mu \alpha \tau \alpha \quad A \nu \delta \rho о \tau[\iota \omega \iota$
${ }_{15} \kappa[\alpha \iota] \Gamma \lambda \alpha v \kappa \epsilon \tau \eta$ к $\alpha \iota ~ M \epsilon \lambda \alpha[\nu \omega$ $\pi \omega t \quad \lambda \epsilon \gamma \epsilon \iota \nu$ ．каl oт $[\delta \epsilon] \iota \nu[0$ $\tau \alpha[\tau \alpha] \quad \alpha \nu \pi \alpha \theta o \iota \pi \alpha \nu \tau[\omega] \nu \quad \alpha[\nu$ $\theta \rho \omega \pi \omega \nu \quad \pi \epsilon \pi \pi \circ[\iota] \eta \kappa о \tau \omega[\nu$ $\epsilon \kappa \epsilon \iota \nu \omega \nu \tau \alpha$ סıкаıа $v \pi \epsilon \rho$ $20 \omega \nu$ avtos $\alpha \iota \tau \iota \alpha \nu \quad \epsilon \chi \in \iota \quad \theta \epsilon[\iota$ $\nu \alpha \iota$ тоע vo $\mu$ оу．$\mu \eta \delta \in \nu \quad \eta[\tau$ autos
入oyov $\eta$ үоvцає тоvто⿱ $[0] \varphi[\delta \epsilon$
i．7． Bl （ass）brackets $\ddot{\eta} \ldots$ ．．кти́ $\mu a \tau a$ ，which words are absent in c．Androt． 75.

18．The papyrus apparently agreed with the MSS．in omitting $\tau a$ which is read by edd． before rov with c．Androt． 75 ．

19．ouk $v \mu \omega \nu a[\xi \iota a$ ：so F and c．Androt． 75.
20．$\epsilon \delta \epsilon \epsilon \nu$ ：so Bl．and Butcher with SLFYO；oi $\delta \epsilon \nu$ vulg．
ii．6．ayovaa：ä yovaraı F ．
 in c．Androt． $7^{6}$（ypáqets）；om．SAY ；Bl．brackets．

8－9．а катарабаит ау：so MSS．；âv катара́баıv＊131．，Butcher with c．Androt． 77.
12. oюเซтєр: so MSS., Butcher ; oió $\pi \pi \epsilon$ Reiske with c. Androt. 77, Bl.
 ä ${ }^{2}$ оитes.
$\epsilon \pi \iota \tau \eta \delta \epsilon v 0 \nu \tau a s:-\sigma a v a s \mathrm{~F}$ corr., c. Androt. 77, Bl.
22. тоито : so F and c. Androt. 78 ; тобойто $(\nu)$ other MSS. and v. 1. F, Bl., Butcher.
23. $\pi \rho \circ \eta \chi$ Өोтє: so vulg. and c. Androt. 78 ; $\pi \rho o ́ \eta \chi \theta \epsilon \mathrm{~S}, \pi \rho \circ \tilde{\eta} \chi \theta \epsilon$ Weil, Bl., Butcher.
iii. 3. Whether the papyrus had rovtov (S) or rovт $\omega \nu$ is of course quite uncertain.

${ }^{1} 3$-1 6. avtov . . . Mє $\lambda a[\nu \omega] \pi \omega \iota \lambda \epsilon \gamma \epsilon \iota \nu$; so A ; othęr MSS. place $\lambda_{\epsilon} \gamma \epsilon \iota \nu$ after avtov.
19. єкєเขшข: тоút $\omega$ F.
20. Bl. and Butcher bracket auros, following Rh. Gr. v. 581. 16.
23. тоขิтоข ท่ ทоิินแル F .
1812. IsOCRATES, Ad Demoniicum.
$19.7 \times 13.7 \mathrm{~cm} . \quad$ Fifth or sixth century.
This practically complete leaf from a papyrus codex is inscribed in a sloping uncial hand, similar in character to that of P. Rylands 58 (Plate 3), though rather more careful and regular, and is no doubt of about the same period. The ink, at the bottom of the verso partially obliterated, is of the characteristic reddishbrown shade. Stops in the middle position only are used. Whether a second hand can be distinguished is doubtful. The few alterations and insertions which occur are similar in style of writing and colour of ink to the body of the text, and must at any rate be practically contemporary.

The pages are numbered 17 and 18 respectively, the numbers being placed as in a modern book in the top outside corners. In the corner opposite to that containing the figure 18 is a $\delta$, which seems to be a stichometrical figure marking the 400th line. With about 25 lines to the page, if the outer page at the beginning of the book was left blank (cf. e. g. P. Rylands $5^{8}$ ), the first line of the 18th page would be approximately l. 400. Survivals of the application of stichometry to the speeches of Isocrates are to be found in the Codex Urbinas $(\Gamma)$, but the unit there is rather larger than that indicated by 1812. As Drerup observes in his edition, p. lxxxii, the hundreds of I correspond to about 93 lines of the Teubner text, but page 18 in the papyrus is preceded by only 316 such lines, or more than 50 short of what would on that proportion be expected. On the other hand, the length of the stichometrical line on the system of $\Gamma$ is calculated by Drerup at 37 letters, which is precisely the length of line in 1812. The inconsistency is due to his estimating the Teubner line at 40 letters, whereas in the Прòs $\Delta \eta \mu o ́ v \iota \kappa o \nu$, at any rate, that number is usually exceeded.

The fact that the חpòs $\Delta \eta \mu o \nu \iota \kappa o v$ stood at the beginning of the codex suggests at the outset an affinity with the so-called vulgate $(\Lambda \Pi)$, but the textual
position of the papyrus as between that family and $\Gamma$ is a neutral one，the agree－ ments and disagreements being fairly equally balanced．In one place a vulgate reading has been inserted as an alternative（ 1.41 ）．No support is given to the peculiar readings of $\Sigma \Upsilon$ ．Besides the mediaeval MSS．there are available for comparison the eccentric second－century Berlin papyrus No．8935，with which， among many natural discrepancies，two agreements on minor points are noticeable（ll． 36,42 ），and also for a few lines another papyrus fragment，of the third century，at Strasbourg，with which 1812 differs twice（ll．42，48）．Readings not otherwise attested are found in 11.2 and 40 ，but they are unimportant．

Verso．

$$
\begin{aligned}
& \text { is }
\end{aligned}
$$

$\epsilon \pi I \tau \epsilon \lambda \epsilon \iota \nu \delta \nu \nu \eta \tau \alpha \delta_{0} \xi \alpha \nu \tau \alpha \tau \eta \delta_{\epsilon} \pi \rho o o \rho \alpha \nu$
$\epsilon \pi \epsilon \sigma \tau \eta \tau \alpha \sigma \nu \mu \phi \epsilon \rho \circ \nu \tau \alpha \pi \alpha \nu$ o $\tau \iota \alpha \nu \mu \epsilon \lambda \lambda \eta s$
5 єрє८ $\pi \rho о \tau \epsilon \rho о \nu \quad \epsilon \pi \iota \sigma \kappa о \pi \epsilon \iota \tau \eta \quad \gamma \nu \omega \mu \eta$ то入入oוs
$\gamma \alpha \rho \quad \eta \gamma \lambda \omega \tau \tau \alpha \pi \rho о \tau \rho \epsilon$ Хєا $\tau \eta S$ Sıavolas $\nu о \mu \iota$
$\zeta \epsilon \mu \eta \delta \epsilon \nu \quad \epsilon \iota \nu \alpha \iota \tau \omega \nu \quad \alpha \nu \theta \rho \omega \pi \iota \nu \omega \nu \quad \beta \epsilon \beta \alpha \iota o \nu$ out $\omega \boldsymbol{S}$
$\chi^{\omega} \nu \pi \epsilon \rho \iota \lambda u \pi$ os $\delta$ vo molov каıроиs nov $\lambda \epsilon \gamma \epsilon \epsilon[\nu]$
$\tau \omega \nu$ ．$\epsilon \nu \delta \epsilon$ vols $\alpha \lambda \lambda o l s ~ \alpha \mu \epsilon \iota \nu 0 \nu \sigma \iota \gamma \alpha \nu \quad \eta \quad \lambda \epsilon \gamma \epsilon \iota \nu$
$\chi^{\alpha \iota \rho \epsilon} \mu \epsilon \nu \in \pi \iota$ тoıs $\sigma v \mu \beta \alpha \iota \nu 0 \nu \sigma \iota \nu \tau \omega \nu \quad \alpha \gamma \alpha \theta \omega \nu$
$\kappa \alpha \iota ~ \lambda v \pi о \nu \mu \epsilon \tau \rho \iota \omega s \in \pi \iota$ тoıs $\gamma \iota \gamma \nu 0 \mu \epsilon[\nu 0 \iota s] \tau \omega \nu$
$\epsilon \nu$ vols oıкєเals a $\quad$ окритт $\epsilon \iota \nu \tau \eta \nu \delta \epsilon \delta \iota \alpha \nu o l a \nu$
os $\tau \eta \nu \quad \epsilon \nu \tau \omega \zeta \eta \nu \alpha \delta 0 \xi \iota \iota \nu \mu a \lambda \iota \sigma \tau \alpha \mu \epsilon \nu \pi \epsilon \iota \rho^{\circ} \omega$
$\zeta \eta \nu \kappa \alpha \tau \alpha \tau \eta \nu \quad \alpha \sigma \phi \alpha \lambda \epsilon \epsilon \alpha \nu \epsilon \alpha \nu$ $\delta \epsilon \pi о \tau \epsilon \sigma 0 \iota \sigma v \mu \beta \eta$
$\kappa \iota \nu \delta \nu \nu \in \nu \epsilon \iota \nu \zeta \eta \tau \epsilon \iota \tau \eta \nu \in \kappa$ тоט［ $\pi 0 \lambda] \in \mu 0 \cup \quad \sigma \omega \tau \eta$
$\rho \iota \alpha \nu \quad \mu \epsilon \tau \alpha \quad \kappa \alpha \lambda \eta S$ סo $\eta \eta S \quad \alpha \lambda \lambda \alpha \quad \mu\left[\begin{array}{ll}\eta \epsilon & \mu \epsilon] \tau \\ \alpha \iota \sigma \chi \rho[\alpha S]\end{array}\right.$
$25 \phi \eta \mu \eta s$ то $\mu \epsilon \nu \quad \tau \epsilon \lambda \epsilon \nu \tau \eta \sigma \alpha \iota \pi \alpha \nu[\tau \omega] \nu \quad \eta[\pi] \epsilon \pi \rho \omega$
Recto.
in $\delta$
$\mu \epsilon \nu \eta$ катєкрірє $\tau о \delta \epsilon \kappa \alpha \lambda \omega s$ $\alpha \pi о \theta \alpha$
 $\mu \epsilon \nu \cdot \kappa \alpha \iota \mu \eta \cdot \theta \alpha \nu \mu \alpha \sigma \eta S \in \iota \pi 0 \lambda \lambda \alpha \tau \omega \nu \in \iota \rho \eta$
$\mu \epsilon \nu \omega \nu$ ov $\pi \rho \epsilon \pi \epsilon \epsilon$ бol $\pi \rho o s ~ \tau \eta \nu \nu \nu \nu \pi \alpha \rho o v$ $30 \sigma \alpha \nu \eta \lambda \iota \kappa \iota \alpha \nu$. ov $\delta \epsilon \gamma \alpha \rho \epsilon \mu \epsilon$ тоито $\delta \iota \epsilon \lambda \alpha \theta \epsilon \nu$ $\alpha \lambda \lambda \alpha$ троєі $\lambda о \mu \eta \nu$ ठ८ $\alpha$ т $\bar{s}$ аvтךs $\pi \rho \alpha \gamma \mu \alpha$ тıas $\alpha \mu \alpha$ тоv $\tau \epsilon \pi \alpha \rho о \nu \tau o s \beta \iota o v ~ \sigma v \mu \beta$ กи入ıа
 $\pi \alpha \rho \alpha \gamma \gamma \epsilon \lambda \mu \alpha$ к $\alpha \tau \alpha \lambda \epsilon \iota \pi \epsilon \iota \nu \quad \tau \eta \nu \quad \mu \epsilon \nu \quad \gamma \alpha \rho$ тоט $35 \tau \omega \nu$ X $\rho \epsilon \iota \alpha \nu$ рa $\delta \epsilon \iota \omega s \in \iota \delta \eta \sigma \epsilon \iota S$ тоע $\delta \in \mu \in \tau \in \cup$

 $\tau \epsilon[\nu \theta \epsilon \nu \quad \omega] \sigma \pi \epsilon \rho \quad \epsilon \kappa \quad \tau \alpha \mu[\epsilon \iota] 0 v \pi \rho \circ \phi \epsilon \rho \eta s \quad \omega \eta \theta \eta \nu \quad \delta \epsilon \iota \nu$ $\mu \eta \delta \epsilon \nu \quad \pi \alpha \rho \alpha \lambda \epsilon \iota \pi \epsilon \iota \nu \omega[\nu]$ a $\nu \epsilon \chi \omega$ $\sigma o \iota \sigma \nu \mu \beta o u \lambda \epsilon \nu \epsilon \iota \nu$ $\delta \in \nu$ $40 \pi 0 \lambda \lambda \eta \nu \delta \alpha[\nu] \operatorname{\tau ols} \theta \epsilon o \iota\left[s X^{\alpha}\right] \rho \iota \nu \sigma \chi 0 \iota \eta \nu \in l \quad \mu \eta \quad \delta \iota \alpha \mu \alpha \rho \quad \S 45$
 $\tau \omega \nu \quad \gamma \alpha \rho \alpha \lambda \lambda \omega \nu$ zous $\pi \lambda \epsilon \iota \sigma \tau 0 u s \in \nu \rho \eta \sigma \circ \mu \epsilon \nu$ $\omega \sigma \pi \epsilon \rho$ т $\omega \nu$ бוт $\omega \nu$ tols $\eta \delta \iota \sigma \tau 0 ו S ~ \mu \alpha \lambda \lambda o \nu ~ \eta ~ \tau o l s ~$ [v]yıalvoraroıs X $\alpha \iota \rho o \nu \tau \alpha s$ оит $\kappa$ ка८ $\tau \omega \nu \quad \phi i \lambda \omega \nu$ 45 [ 7 ]oıs $\sigma \nu \nu \epsilon \xi \alpha \mu \alpha \rho \tau \alpha \nu 0 v \sigma_{!} \pi \lambda \eta \sigma \iota \alpha \xi 0 \nu \tau \alpha s \quad \alpha \lambda \lambda$ ov
 $\tau \omega \nu \quad \epsilon \gamma \nu \omega[\kappa \epsilon \nu \alpha \iota \quad \tau] \epsilon \kappa \mu \eta \rho \iota \omega$ Х $\rho \omega \mu \epsilon \nu \circ s \tau \eta \pi \epsilon \rho \iota \tau \eta[\nu$ $\alpha \lambda \lambda \eta \nu \quad \sigma \rho[v \pi \alpha \iota] \delta \iota \nu \quad \phi!\lambda \frac{1}{0} \pi о \nu \iota \alpha$ тоע $\gamma \alpha \rho \alpha \nu \tau \omega$

1. то $\mu \in \nu \sigma \omega \mu a$ : so P. Berl. AiǏY; $\tau \hat{\varphi} \sigma \dot{\omega} \mu a \tau \iota \mu \epsilon ́ \nu \Gamma \Theta, \operatorname{Dr}(\operatorname{erup})$.
2. $\tau \eta \nu \delta \in \psi v \chi \eta \nu$ : so $\Pi \Sigma Y$ (om. P. Berl.) ; $\tau \hat{\eta} \delta \hat{\epsilon} \psi v \chi \hat{\eta}$ others, Dr.

єıvaı: om. MSS.

5. єрєוע : $\lambda_{\epsilon \gamma \epsilon \iota \nu}$ P. Berl. AII.
8. $\epsilon \sigma \eta$ : so P. Berl. and most MSS. ; $\epsilon \sigma \epsilon \iota \Gamma$ pr., Dr.
11. Movoy as originally written here is also in P. Berl., but this is probably a chance coincidence.
14. кaı $\lambda v \pi$ ои: so $A$; $\lambda v \pi n \hat{v}$ ס́́ others, Dr.
26. A rather tall hooked top makes the $\delta$ in the margin above the end of this line look something like the symbol for 4,000 , but that figure can hardly be meant here.
27. $\eta$ фuनıs : so $\Pi \Sigma Y$; om. Г, Dr.
29. vuv: om. P. Berl. $\Sigma$ Y.
32. $a \mu a$ : om. $\Sigma Y$, which have $\sigma v \mu \beta o v \lambda \eta{ }^{2}$.
34. 1. катадı $\tau \epsilon \omega$. The spelling of the papyrus is no doubt merely an instance of the common confusion of $t$ and $\epsilon t$; cf. e. g. l. 35 paótıcs.
36. $\sigma v \mu \beta$ ßuдєvбovta: so P. Berl., though placing this word before $\mu \epsilon \tau \epsilon v v o l a s$, which is also the order of $\Delta \Pi$. $\Sigma Y$ insert $\sigma o$ before $\sigma \nu \mu \beta$. 1. $\chi^{a \lambda \epsilon \pi \omega s . ~}$
37. $\tau a \lambda . \mu \eta \pi a \rho \epsilon \tau$. P. Berl. ( $\epsilon \tau \epsilon \rho \omega \nu)$ АП.
39. $\pi a \rho a \lambda \epsilon \epsilon \epsilon \epsilon \iota$ : so P. Berl., but cf. n. on 1. 34. $a \nu$ is added also in $\Lambda \Pi \Sigma Y$.
40. $\Delta \Pi$ read $\tau \hat{\varphi} \hat{\theta} \theta \in \hat{\omega}$.
$\mu \eta$, v. I. $\mu \eta \delta \epsilon \nu: \mu \eta$, as first written, is the reading of the MSS.
41. The superscribed reading $\eta \nu$ is that of $\Lambda \Pi$.
42. रap: so P. Berl.; $\mu \not ̀ \nu$ дáp others, including P. Arg., Dr.

48. $\sigma \rho[v$ : so $\Lambda \Pi \Sigma Y$; om. P. Berl. P. Arg. Г, Dr.

## 1813. Codex Theodosianus vii.

$18.1 \times 9.1 \mathrm{~cm}$.
Early sixth century. Plate I (recto).
The hand of this fragment from a vellum book is a fine specimen of Latin uncial writing, the letters, which are of medium size, being executed with much precision, and distinguished by both breadth and delicacy. If it belongs to the sixth century rather than the fifth, it is to be placed not later than the first third of the century, not only on the evidence of the hand but also because of the unlikelihood that after its supersession by Justinian's Codex of 529 , the Codex of Theodosius would remain in demand. The fragment is thus approximately a contemporary of Paris. $9643(\mathrm{R})$, on which the text of Book vii, the part of the Codex here concerned, principally depends. Eight lines are lost at the bottom of the recto, and if the margin below these corresponded to the deep margin at the top, the height of the page was approximately 29 cm. ; its breadth, on the supposition that the lateral margins were half as liberal as the upper one, would be something like 22.5 cm ., a little broader than in 1097, from a papyrus codex of Cicero, which in height practically coincided. Beginnings and ends of the lines are missing throughout, and the precise point of division is obscured by the uncertainty whether or how much the first lines of paragraphs protruded into the left margin; in the transcription below a protrusion of not more than one or two letters has been assumed. Double dots mark off the addresses and
dates of the rescripts from their texts. Abbreviations and numerals are usually accompanied by a medial dot; $p($ raefectus $) p($ raetori $) 0$, in the one place where it occurs, is written with a horizontal line above, and a similar stroke was placed above numerals. There is no instance of punctuation, but the evidence is insufficient to infer that this was neglected.

The text of 1813 is close to that of R. In vii. $\delta$. II the name Entychianum, over which R blunders, is correctly given, but some other misspellings are common to both; in vii. 8. I2 they agree on vela, where bella is restored from Cod. Iust., and at the end of vii. 8.10 in the insertion of conss.

Recto. Plate I.
[seri]mus quinquc librarum auri co[ndemnationc proposi vii. 8. 9
tappracdia quae ex Gildonis bonis ard nostrum acrarium dc
[lata] sunt ab hospitibus excusari n[unc etiam praccipimus [ut o]mnes domus cx codem iure venientes in quibuslibct [civi]tatibus sumt constitutae ab [hospitibus excuscntur quo [poss]int conductores facilins inveniri si quis igitur con [tra nostr[am fecorit iuss[ionem multa pridem ferietur in [flicta:pp. K]arthag. vulv. id. Aug. H[onorio viii. ct Theodosio iii. aa. conss. [idem aa. Tohainni $\overline{p p}[0]$ : devotum possessorem ab onni inqui 8. 10

เ- [etndine] liberamus primo igitur omnium ad nullum [predium. per Africam vel public[um vel privatum domus nos [trae] ocl cuiuscumquae iur is mullus mictator (?) accedat si [a qu]oquam fucrit destinatu[s licentiam enim domino acto ri ips siquac plebi serenitas nostra conmisit ut eum qui prae [para]ndi grat[ia ad posscssio[nem venerit multandi cxpel [lendi] habcat facultatem nicc crimen aliquod pertime [scat c]u[nn sibi arbit[rium ultionis suae sciat esse conces [sum rec]tcquac sacrile gium prior arceat qui primus invene「rit adjministrantcm ver[o eiusque officii proceres quo [rum pr]accopto inhibitam [personam ad agrum aliquen de [stinarit] in tempore pros[cribi clebcre censcmus solam sanc [hospitalitatc sub $h[$ ac obsevatione concedimus ut ni [hil ab hospite qu]od viel hominum vel animalium pastui ne

## Verso.

vel sponte contra pr]aeceptum nostrum probati fu[crint [obtulisse : dat. prid. id. I]un. Ravc[n]nae post conss. Hon ori viii.
[et Thcodosii v. ac. con]ss.

[idem aa. Probo c.s.l. post] alia: de hospitalitate indicum čt om

$5 \quad[$ ninm personarmm quid sibi etiam ipse possessor priae
[sumere debeat quare consura omnia quae ad suli dispicndinm
[pertinebunt snbmota sint iam missa super h[ac re anctoritas
[declaravit: praelata litt]cris ad Entychiann[m p. urbi
[die iiii. id. Ian. Constantio et Constante conss.

10 [idem aa. Hadriano ppo: Afric. hoc p]rospectum cst ut infainsta hospi 8. 12 [talitatis prasbitio tolleretur nec privatum quis[que a [domino aedinm postulet et cet]era: dat. $\bar{v}$. non. Mart. Ravennac
[Constantio et Constante colnss.
[idem aa. Enstathio ppo:devotissi]mos milites cx procinc[tu
${ }^{15}$ [rcdenntes vel proficiscontes] ad vela mnvi novi sacr[atis [simae urbis singulac turves in] pedeplanis suis susicipiant [nec aliquis possessorum graviter ferat quasi [ill] a dis [positione quae super publicis acdific]iis processcrat [vio [lata cum privatae quoque domus tertiam partem talis rei [gratia soleant cxhibcre : dat. v.] non. Mart. Constant inop. [Honorio xiii. ct Theod. $x$. ac. conss.]
[inpp. Theodosins ct Valcntinianns] aa. Hacl ioni patricio ct [magistro officiorum : nniversi cui uslịbct

Recto 11. predium is written for the sake of shortening the supplement, which still seems a trifle long, though dium alone would be insufficient.
14. 1. ip Jsique; cf. 1. 18, where quae is again written for que.
18. The omission of prior, which is absent in R but appears here in Cod. Iust., would make the line rather short.

Verso 2. conss. : this is also the spelling of R.
3. con]ss : so R ; om. Mommsen-Meyer.
8. etychiarum praef. R. Some reduction in the number of letters is required and is most easily obtained by writing $p$. for praef.
9. Constante $\overline{v v} \overline{c c} \mathrm{R}$.
10. Hadriano proc. Afric(ae) R, Hadriano pp. Cod. Iust., and cf. vi. 29. 11, vii. 4. 33. What 1813 had here remains of course uncertain; R's abbreviation of Africae is adopted as suitable to the space.
15. vela: so R; bella Cod. Iust.
20. Const(antino)p(oli) R.
22. Haelioni is also the spelling of R (1. Hel.).
1814. Index to Codex Iustinianus, First Edition.
$34 \cdot 3 \times 22 \cdot 4 \mathrm{~cm}$. A. D. $529-535$. Plate V (verso).
This mutilated leaf from a papyrus book proves to be both from the juristic and the palaeographical point of view exceptionally interesting. It contains part of an index of rubrics and inscriptions of Justinian's Codex, not, however, of the extant second edition, but as originally issued in the year 529 . This explanation, for which we are indebted to Professor de Zulueta, of the divergences of the index from the Codex as we have it, accounts so completely for the facts that no reasonable doubt can be entertained of its correctness.

Of the relation of the two editions of the Codex a good account is given by Rotondi in Bull. dell' Istituto di divitto romano, 1918, pp. 153 sqq . The second edition, which was five years later than the first, was a thorough revision designed. as stated in the prefatory constitution of Dec. 534 De emendatione codicis, to embody and co-ordinate the many new decisions and constitutions issued in the interval. It is precisely the absence of later matter of this kind that distinguishes our index. The most significant passage is 1l. 42-6. Here the ordinary text of the Cod. Iust. i. I 7 gives two constitutions of the years 530 and 533 under the rubric De veteri iure enucleando et auctoritate iuris prudentium qui in digestis referuntur. In 1814 the rubric is much simpler, approximating to the corresponding one of Cod. Theod. i. 4, and the two new constitutions of 530 and 533 are replaced by two others, of which one emanated from Justinian but the other is Cod. Theod. i. 4. 3, of A. D. 426 . This evidence, which of itself would be sufficiently conclusive, is supported by analogous indications elsewhere. Thus the papyrus omits i. I4. I2, of Nov. 529, and the anti-Manichaean i. II. 10, the exact date of which is unknown but which, as Krüger states, is probably posterior to i. 5. 18, being connected in substance with i. 5. 19-21 of 529-31. Its absence in the first edition of the Codex would therefore be expected. Again, the papyrus index passes directly from Cod. Iust. i. II to i. I 4 , omitting the two titles 12 and 13 , which are both concerned with the Church. It is clear from the numbering of the rubrics preserved on the verso of the leaf that in this edition, as in the second, the principle of beginning with the ecclesiastical titles, which in the Codex Theodosianus had been placed at the end (Cod. Iust. i. $1-11=$ Cod. Theod. xvi. $1-10$ ), had already been adopted. That principle was only carried out with more completeness in the second edition by the insertion after i. II of two other titles connected with ecclesiastical matters from other parts of the Codex. In this procedure the revisors were acting quite in accordance with their powers as laid down by the constitution De emendatione codicis § 3 si quae
(constitutiones) similcs acl contraviae intienirentur, circumducere et a prioris codicis congregationc separare.

Though primarily valuable as a relic of the original edition, the papyrus makes some contributions also to the text of the extant Codex. While agreeing with the MSS. in the omission of Septimio in 1. 20, it inserts the name Sext (io) in 1.49 (with Cod. Theod.), Iulio in 1. 48, and apparently M(arco) before Palladio in 1. 13; it adds $v$ prov(inciarum) (again with Cod. Theod.) after vic(ario) in 1. 8, but omits et consuli designato in 1.27 and nobilissimi in 1. 52. Evidently in the inscriptions of the constitutions little reliance can be placed upon the evidence of the MSS. on such matters ; the tendency to abbreviate was not to be resisted, and Kruiger's rule (cf. ed. mai. pp. xv, xxiii sqq.) of supplying a full inscription from any available source is justified. Thus he had already adopted Sextio in i. 18. 2, and at any rate Iulio can now be added in 18 . 1 : consistency would suggest the acceptance also of quinque provinciarum in i. II.3. There is further some useful evidence on individual points of detail. Lines $16-17$ show that Cod. i. 1I. 9, the inscription of which was missing, is to be attributed to Anastasius, and ll. 31-2 confirm the attribution of i. 14. 10 to Leo and Anthemius; the name of the addressee is in both cases lost. After l. 4 I there is nothing corresponding to the supposed Greek constitution to which a place is assigned by Krüger at i. 16.2, and the existence of that constitution, though not disproved, becomes more questionable.

Palacographically the fragment is of importance, since there are few examples of early Latin uncials that can be so precisely dated with equal security. It is highly improbable that the first edition of the Codex would continue to be copied in Egypt after being superseded by the second, especially in view of the express prohibition in the constitution De emendatione codicis § 5 ex prima Iustiniani codicis editione aliquid recitare. The date of this manuscript may therefore be placed with small risk of error in the six years following April 529. The letters, written in brown ink, are of medium size and well formed, but the pen was rather coarse and the papyrus not of the best quality, so that, especially on the verso, the effect is not elegant. In rounded letters the separate strokes are not always closely joined. As in 1813, abbreviations are commonly followed by a medial dot often accompanied, in the case of $a a, c c, p p, \& c$., by a horizontal stroke over the letters; but the scribe is inconsistent, omitting sometimes the dot and sometimes the stroke ; he writes both impp. and imp.p. but the latter is probably due to inadvertence. $b==-b u s$ in 1. I8. When rubrics or inscriptions extend to a second line or more, these are considerably indented. Rubrics are marked off by horizontal dashes above and below them and the letter P is placed both in front and at the end of each, as in the Verona fragments, whose practice
is followed by Krüger in his large edition. The prefixed $\mathbb{B}$ is accompanied by the number of the rubric, in Greek figures; constitutions, with one exception (1. 37), are not numbered. The first rubric on the recto is written in enlarged uncial letters. Apparent remains of pagination are visible in the top right-hand corner of the verso, probably [ ] $\kappa \epsilon$ or [ ] $\kappa \theta$, which are higher figures than would be expected unless the index was preceded by other matter.

```
Recto.
\(\mathrm{P}[\iota a]\) d \([e\) p \(] a g a n i[s]\) sacrificios Cod. Iust. i. . r.
```



```
[impp. Gratian.] Valcntin. et Theod.
[aaa. Cynclgio pp.
impp. Arcadius it H jonorius ac. Ma
[c]rovio [et Pr]oclian. vic. v proz?.
id. \(\bar{a}\). Apollodoiro procons. Africae
10 imp.p. Honor. et Thejodosius aa
populo [Cartalgen[ie]nsi
id. \(\overline{a q}\). Asclcpīodoto \(\overline{p!p}\)
impp. Valcnitin. et Marcian. aa] M
Pallad[io \(\overline{p p}\) ]
impp. Lco et Anithcm. aa Dioscoro \(\overline{p p}\). 8
\(\operatorname{\alpha v\tau о\kappa \rho }(\alpha \tau \omega p)\) Avacta[боos a ....... 9
\(\epsilon \pi \alpha \rho \chi(\omega) \pi \rho(\alpha \iota \tau \omega \rho \iota \omega \nu)\) [
P) \([\iota \beta]\) de legibo c ct con \(\overline{\text { con situ }[\text { Iionibus }}\) i4.
principum et [edictis
20 [imp. Colustan[ti]n. [a] Basso put
I
[impp. T]heo[dosius et] Valentinian. aa 3
[a]d senatum
[id. aa ad scnatum \({ }_{3}\)
[id. aa ad Volusian]um \(\overline{p p}\). 4
\({ }^{25}\). [id. aa Florentio \(\overline{p \mid p}\). 5
[id. aa Florentio \(\overline{p p}] \quad 6\)
\([\) id. aa \(C\) jro \(\overline{p p}]\) ?
[id. aa ad senatum] 8
[impp. Valentinian. et] Marchian[. aa ad Pal 9
[ladium \(\overline{p p}\) ]
```

Verso. Plate V.
[ ] $\times$ !
 ..... i. 14.10$\epsilon \pi \alpha \rho X(\omega)$impp. Lco et Z $\eta$ no $\overline{a \alpha}$
W oy de mandatis plrincipum P ..... 15.
imp.p. Gratian. Valeviltinian- et Thcodo ..... 1sius ace ad Eulsignium $\overline{p p}$тıvtavou $[\alpha \alpha$
B416.
40 impp. V [al ent. Theod osius et Arcad. ..... I$\bar{a}$. ad s[enatum]
PX $\imath \in$ [de auctoritate] iuris ..... 17.
[prudcntium] ..... R
[impp. Theodosius et $V$ alent. $a$ ad se ..... Cod. Theod. i. 4. 3
ad se[natu]un[imp. Iustin]? !anus [M]enae $\overline{p p}$
[RX 15 de iuris et facti ignorlantia] B ..... Cod. Iust. i. 18.
[imp. Ant ou. a Iulio Max. mil. ..... I
[id. a Sesxt Iuv[en[ali] ..... 2
50 [imp. Philip $][[!]$ els [a Iul. ? Marclell. [ ..... 3
[impp]. Diocl. ct MT[aximian. aa Iulianae ..... 4
[id. aa] ct ć Marrtiali ..... 5
[id. aa] et ce Taur et Pollioni ..... 6
[id. aa et cic Zoe ..... 7
$55 \quad[i d \cdot a a]$ et $\overline{c c}$ Diourysiac ..... 8
[id. aa c't $\overline{c c}$ Gaio ct [Anthemio ..... 9
[id. aa] et co Amphiae ..... 10
[imp. Constantin. a †Vale]riano vic. ..... 11
3. This constitution is absent in Cod. Iust. Since a pagan emperor is excluded by the subject, and the first constitution should be older than the second, the choice of the emperor is limited to Constantine or Constantius, and the name in either case must have been considerably abbreviated. As the scribe uses the form Constantin. (II. 4, 20, 58), it is perhaps better to suppose that Const. here = Constantius; cf. I. 5, where Theodosius is shortened to Theod. Di]odoto is preferred to Thejodoto as the shorter.
4. Constantin(us) : I. Constantius. The same error is found in SCR.
7. 1. Ma[c]robio.
8. v prov(inciarum) : so Cod. Theod. xvi. 10. 15 quinque provinciarum; om Cod. Iust.

I 1. 1. Carthagin[iensi; that the $h$ was omitted (so SCRM) is hardly certain.
13. $M$, representing the praenomen of Palladius, is a more suitable reading than ] - o both in itself and because the lacuna is sufficiently filled without further addition. Om. Cod. Iust.

16-17. Om. Cod. Iust., where the constitution is given without the name of the emperor or addressee. The papyrus omits the anti-pagan Const. 10.
18. Titles 12 De his qui ad ecclesias confugiunt vel ibi exclamant, and 13 De his qui in ecclesiis manumittuntur, are here omitted.
20. Basso: so MSS. and S(umma Per.) ; the nomen Seplimio is supplied from Cod. Theod. In the abbreviation of praefecto urbi the horizontal stroke passes through the letters.
27. Cyro pp. et consuli designato Cod. Iust. There would not be room for et . . . design. even if shortened to et cons. $d$.
29. 1. Marcian.
$3^{\mathbf{1 - 2}}$. Om. Cod. Iust., but the names of the emperors could be restored from the date. The name of the addressee must have been very short, unless it was abbreviated: the remains do not suggest ] $\omega$.
33. The Greek $\eta$ in Z $\eta n o$ was an oversight. Const. 12 is omitted.
36. pp. Cod. Iust., proconsulem Africae Cod. Theod.; what stood in the papyrus is of course uncertain.

37-8. The inscription of this constitution is deficient in the MSS. of Cod. Iust., but is restored from Nov. 124.4 as Aüroкpátopes 'Iovarivos кai 'Iovarıvtavòs aa. The reading of the papyrus is unintelligible and it is not clear what was intended. $\beta$ which is placed in the margin and has a horizontal stroke above is evidently a numeral, though there seems to be no reason why this particular constitution should have been numbered when others are not. Possibly $\delta \iota a$ is the survival of $\delta, a \operatorname{ta\xi } \iota s$, and $\delta$. $\tau \hat{\omega} \nu \delta \epsilon \sigma \pi o \tau \hat{\omega} \nu \kappa \tau \lambda$. should be restored.
41. Below this constitution Krüger marks the place of a lost second one, following indications in MSS. of P. Pithou. If it had any existence, that constitution was presumably issued by Justinian between the dates of the first and second codices.

42-3. Cod. Iust. here has De veteri iure enucleando et auctoritate iuris prudentium qui in digestis referuntur, with two constitutions of A.D. 530 and 533 . In Cod. Theod. i. 4 the rubric is De responsis prudentum, under which there are three constitutions, the first two of which are of Constantine, one placing a ban upon the commentaries (notas) of Ulpian and Paulus on Papinianus, the other upholding the authority of Paulus, while the third corresponds to $11.44-5$ here. It is possible that responsis, not auctoritate, stood in the lacuna of 1.42 , but in any case the rubric is not the same as in Cod. Theod. and is much shorter than that of Cod. Iust., occupying in fact an intermediate position. That the first two constitutions of Cod. Theod.i. 4 are dropped is an anticipation of Cod. Iust. i. г 7. I § $6 e a$, quae antea in notis Aemilii Papimiani ex Ulpiano et Paulo nec non Marciano adscripta sunt . . . non statim respuere, \&c. On the other hand Cod. Theod. i. 4. 3, the law of citations, is retained pending the enucleation of the ius vetus in the Digest. Cod. Theod. i. 4. 2, which is virtually repeated in 3 , may well have been regarded as superfluous.

44-5. Impp. Theod. et Valentin. aa. ad senatum urbis Rom. Cod. Theod. In I. 44 the scribe wrote Valenti and then inserted the dot between $t$ and $i$. $a$ was written for $a a$, probably owing to confusion with the $a$ of $a d$, and there was apparently a dittography of ad se.
46. This constitution is unknown, but the name of Menas, to whom the constitution
of A.D. $5_{29}^{29}$ De codice confirmando, prefixed no doubt to the first edition, was addressed, may be restored with great probability. § 3 of that constitution relates to former codices and to veteres iuris interpretatores, but it is unlikely that that section, still less the entire constitution, stood in this position, where some other rescript to Menas, superseded subsequently, like Cod. Theod. i. 4.3 , by Cod. Iust. i. 17. 1-2, would be more appropriate.
48. Iulio: om. Cod. Iust.
49. 1. Sext $(i 0)$; this name, which is absent in the MSS., had been rightly restored from Cod. Greg.
50. That the superfluous o was cancelled is not certain. A difficulty arises at the end of the line, where with the reading Marcellae the letters lae are expected, in place of which there is something that may be read as ]. $/ i$. [or perhaps as ]. $l l$. This constitution is apparently to be connected with iii. 44. 8, issued on the same date and addressed to Iuliae, and some variation here in the name of the addressee is therefore not surprising; but whether the insertion of $I u l$. is correct remains very doubtful.
52. et cc $(=$ Caesares $)$ : so PLM ; et centum S , om. C , et Maximianus nobiles cesares R , th Constantius et Maximianus nobilissimi CC. Krüger.

## HOMERIC FRAGMENTS

(The collations are with Ludwich's text.)
1815. $14.5 \times 19.1 \mathrm{~cm}$. Parts of two columns, written in an informal sloping hand on the verso of a fragment of a second-century taxing-account. Col. i contains A $33^{-50}$, Col. ii. A 59-75. $44 \omega 0$ of $x^{\omega \omega} \mu \in \nu 0 s$ corr. from $o$. $45 \epsilon \chi \omega \nu$ added above the line. $\phi a \rho \epsilon \tau \rho \eta \subseteq 65 \mathrm{ov}$ was written for o $\gamma$, but the third stroke of the $v$ is. blurred and o $\gamma$ ' may be intended. 67 avtıoas 7I $\nu \eta \epsilon \sigma$ $\eta \gamma a \sigma a t$. Third century.
1816. $25.7 \times 7.7 \mathrm{~cm}$. Fragment containing ends of $\mathrm{O} 33^{2-70}$ (complete column) and $386-4 c 9$ (end of col., the upper part of Col. ii being lost), in nearly upright somewhat irregular uncials of about the middle of the third ${ }^{\epsilon} \lambda \epsilon$ century. A mark of elision in l. 340. $33^{8} \mathrm{om}$. $\left.340 \delta^{\prime} \delta \cos 344 \epsilon\right] v i \pi \rho \eta$ -
 in the papyrus, 1. $3^{89}$, which is omitted in its proper place, apparently having been inserted here. The papyrus is broken above va[. 389 om . ; cf. 1. 386. On the verso a late third-century account.
1817. Fragments of three leaves, written with brown ink in a good-sized sloping and fairly regular hand in which light and heavy strokes are strongly contrasted. Probably sixth century. Accents, breathings, and marks of elision are frequent, and apparently all due to the original scribe. Stops in
the high and middle position are used. These fragments were found with 1818, and possibly belonged to the same codex or corpus, but the scripts, though they may be contemporary, are quite distinct.

Fol. I $4.1 \times 2.5 \mathrm{~cm}$. Verso ends of $\mathrm{P} 379-84$, recto beginnings of $41^{8-24 .}$

Foi. $2 \quad 1.5 \times 2 \mathrm{~cm}$. Verso a few letters from $\sum_{412-14}$, recto do. from +55-6.

Fol. $314.4 \times 13.8 \mathrm{~cm}$. Verso $\Sigma 564-81$ (end of col.). 571 o $\mu \alpha_{\rho} \rho \tau \eta$

 began 1. 614 , being misled by the homoioarchon of 611 and 613 . $\epsilon \pi[\epsilon]]^{4}$ ${ }^{615}$ AX $\llcorner\lambda \lambda \hat{\eta}[[1]$ os. 617 Below this line is a row of angular marks, followed by the title $I \lambda \iota a \delta[0] s!\eta]$ enclosed in ornamental flourishes.
1818. Parts of five leaves of a papyrus book, written with brown ink in an ugly sloping hand of the fifth or sixth century, rather similar in type to that of 1618. Accents, breathings, and marks of elision have been freely inserted, partly by the original writer, but many being due to a second hand which has also added some of the stops (high and middle position) and made corréctions in the text. The method of accentuation hardly differs from modern practice, except with regard to the retracted accent. $\epsilon$ has frequently been written for $\alpha \iota$ or vice versa, and many such misspellings have been corrected both by the first and second hands ; these variations, and the common confusion of $\iota$ and $\epsilon \iota$, are generally not noticed in the following collation. A few scraps have not been identified.

Fol. I $16.8 \times 14.7 \mathrm{~cm}$. Verso X 109-37 (ends of lines). 111 ката)-

 $a \pi o$, corr. $\mathrm{H}^{2}$, apparently neglecting to delete the $a .128^{a} \lambda \lambda \eta \lambda o l \sigma \iota \quad 129$ ö $\phi \rho a$





Fol. 2 Recto X 190-202, 283-93, 203 (?). Lines 283-93 are each followed by a small comma-shaped mark by the first hand, implying that the verses, which were rewritten in the proper place (cf. Fol. 3), were to be cancelled. The dislocation may have been due to a defective archetype, or
the scribe's having turned over two leaves in mistake. $19+\Delta a \rho \delta a v i o \omega \nu$
 converted from $\eta \quad 290$ ovò̀. Verso 216-43. $220 \pi 0 \lambda \grave{a} \quad 222$ á $\mu \nu \mathrm{u} \varphi \mathrm{\epsilon}$


 $\sigma \epsilon \quad$ фаи $\delta \mu$ оs $\mathbf{E}_{〔}^{[\kappa \tau \omega \rho}$
 $\pi о \mu \epsilon \nu \alpha$ даш $\nu$
 $a \sigma \pi o v \delta[\epsilon\rceil] i$, corr. $\left.\mathrm{H}^{2} \quad 305 \llbracket \mu a ́ \lambda a \rrbracket \mu \epsilon \gamma a \quad 307 \lambda a \pi \alpha ́ \rho \eta s \quad 310 a \llbracket \mu \rrbracket\right] a \lambda \grave{\eta} v$ $\left.3^{12} \mathrm{~A} \chi \iota \lambda[\lambda]\right] \epsilon$ v́s, corr. $\mathrm{H}^{2}$.



 §̀ vбтатоs аขтє




1819. Fragments of a roll containing $\kappa, \lambda, \mu$, well written in small upright uncials which may be assigned to the second century. Two marks of length and many accents (acute-angled), breathings, marks of elision, diaereses, and stops in the high position have been inserted by a later hand, probably that of the corrector who has made a few alterations in the text. The columns had a marked slope to the right, the last line of Fr. 2. ii beginning about 6 letters in advance of the first line. A facsimile of that fragment with a transcript of the text was given in the New Palaeographical Society's Series II, Plate 76.

Fr. I $4.1 \times 2.2 \mathrm{~cm}$., $\kappa 3^{-12}$. Fr. $226.4 \times 14.2 \mathrm{~cm}$., Col. i ends of $\lambda 2^{24-8}$, Col. ii 284-323. 259 A $\left.\mu v \theta a o v\right] a \tau^{\prime} \quad 285$, $a \sigma \omega \lambda \in v \in \cdot[r v]$, corr. $\mathrm{H}^{2}$
 for кal. Tvvóá $\rho \epsilon \omega$ 301 a $\mu \phi \omega{ }^{5 \omega}$ ov; $302 \pi a[\rho]$ Z $\eta p v 0[s \quad 303$ In the margin


 $\kappa \in[L \eta$. Fr. $6 \quad 2.2 \times 1.5 \mathrm{~cm}$., a few letters from $\mu$ 1-4. Some small fragments remain unidentified.
1820. $17.8 \times 38.5 \mathrm{~cm}$. Lower portion of a sheet, which was the uppermost of a quire, from a papyrus codex. The hand is a good example of the formal upright type commonly designated 'Coptic', resernbling e. g. P. Grenf. II. 112 , and is of the sixth or seventh century. Stops in two positions (high and medial), accents, breathings, and marks of elision and quantity are fairly frequent ; a few of these are evidently original, but the majority, which are more lightly written, are later additions, due probably to one of the correctors, of whom two, one using cursive forms, seem to be distinguishable. Besides these common signs a comma to separate words, and its converse, the sub-linear hyphen, occur among the subsequent insertions. The dimensions of the complete page may be estimated at about $34 \times 19 \mathrm{~cm}$.

Fol. I Verso $\left.\sigma 55^{-80} .63 \pi \lambda \epsilon o v \epsilon \sigma \sigma l\right] v \quad 64 \beta a \sigma \iota \lambda \eta \epsilon$ s. In marg. $a \iota \nu 0 v[\sigma \iota$ $\mathrm{H}^{2} 65$ Evpvuaxos $\tau \epsilon \kappa\left[\alpha \iota\right.$ Avcı]voos. Marg. катає $\rho \omega\left[\mathrm{H}^{2} 67\right.$ marg. ${ }^{1} \pi \epsilon \rho \iota$


 $\omega$ of $\epsilon \omega \nu$ an acute substituted for a grave accent. rog On $\eta$ of aop $\tau \eta \rho$ an
 the $\epsilon$ cancelled by a dot placed above it ( $\mathrm{H}^{2}$ ?). 1r1 $1^{2}$ om. $118 \in \pi \iota$

 apparently) $\mid \epsilon \iota \tau \epsilon \kappa \operatorname{\kappa a\kappa }\left(\omega \boldsymbol{s} \mathrm{H}^{2} \quad 146\right.$ Against this line and $11.148-5 \mathrm{I}$ there are oblique dashes in the left margin. $\quad 149$ dıaкрive $\sigma \theta a \iota \quad 152 \delta$ of $\delta$ étas corr.
 Verso 178-205. 185-7 Oblique dashes in the left margin against these
 $\kappa \alpha[v]!a \quad \mathrm{H}^{2}$.

## IV. MINOR LITERARY FRAGMENTS

1821. $6.8 \times 4 \mathrm{~cm}$. Beginnings of 9 verses, hexameters or elegiacs, from the bottom of a column, written in a rather small, informal, upright hand of the third century. Marks of elision are used.

1822. $35.3 \times 17 \mathrm{~cm}$. On the recto remains of two columns of an account. On the verso ends and beginnings of lines of two columns from a hexameter poem, apparently relating to astronomy, e. g. i. $\left.{ }^{17} a\right] \kappa \rho \circ \theta_{\iota} v v \kappa т о{ }^{18}{ }^{18} \epsilon \epsilon \delta \epsilon \mathcal{L} \alpha \iota \in \iota \delta o s^{*}$

 $\mathrm{K} \rho$ ovos $\mathrm{E} \rho \mu[\epsilon \operatorname{las}$. Most of the lines of Col. i have a high or medial stop at the end. The last line of Col. ii is opposite i . 30 , but the column begins at a higher point than Col. i and the lines are rather closer together, so that the number of the lines was probably the same in both. This papyrus was found with 1796, and is in much the same condition ; the texts on the verso are apparently in the same hand, and the marginalia, too, are similar. But the height of 1822 is quite different from that of 1796 , and there is no connexion in subject ; the hands and contents of the rectos also differ, so that it is clear that two distinct rolls are represented. Second century.
1823. $20.8 \times 6.6 \mathrm{~cm}$. Strip from a column containing parts of 28 lines of a tragedy, 11. $7^{-1} 5$ at least being stichomuthic. Resolution is frequent. The upright well-formed uncial hand is evidently early, and may go back to the beginning of the first century в. с.

$$
\begin{aligned}
& \text { [. . . . . . ] }] \tau \epsilon \rho X \underset{\text { [ }}{ } \\
& \text { [. . . . . . }] \text { тo } \lambda v \pi[ \\
& \text { [. . . . . . . }] \pi \iota s \pi \alpha_{1}^{[ } \\
& \text {[. . . . . . . .] } \omega \sigma=
\end{aligned}
$$

$15 \cdots[\cdot] \cdot \mu[\epsilon] \lambda \alpha a \iota \nu\rangle \lambda[$ $\pi a \tau \epsilon p a$ фоvєvбas тотє [
[. . . . .]av vmo рךт $\eta$ [
[. . . . ] $] \mu \alpha \tau \alpha ~ \eta \mu \omega \nu \in \cdot[$

```
5[
    \epsilontS \phioßov \alpha\pi\omega .!
    \kappa\alpha\iota ovк є\gamma\gamma\epsilonк\rhov\psi\omega[ (?)
    \omegaS \tau\omegal \gamma\epsilon }\mu\in\lambda\lambda\epsilon\iota\nu \phi\rho\in! . 
    \tau\epsilon0\nu\eta\kappa\epsilon \tau\omega\nu \sigma\omega\nu\nu \sigma\pi\epsilon\rho[\mu\alpha
10 o\iota\mu0\ell \pi\rhoos a\lambda\lambda\omega\nu к\alpha\iota \tauo\delta{[
    ov\tau\omegaS €\\epsilont \tauаv\tau\alpha \omegaS ग![
    \piот\epsilon\rhoо\nu \delta\epsilon \pia\rho\epsilon\lambda\nu\sigma \eta \tau[
    \eta \pi\alpha\rho0\in[\nuos
    \omega \tau\lambda\eta\muo\nu \epsilon0\epsilon\mu![
```

1824. $9.9 \times 6.1 \mathrm{~cm}$. Fragment of a (Menandrian ?) comedy, from the top of a column. Alternations of the dialogue are indicated by double dots, and the names of speakers in abbreviated form have been entered above the line in cursive, as e.g. in 211. The speakers are $\Lambda \alpha \alpha_{\chi} \eta s$ and $M_{\iota} \xi($ ), a name which does not occur in comedy but may stand e. g. for Mı $\xi i o ̀ \eta \mu o s, ~ M \iota \xi i a s$, $M i \xi \omega \nu$, or $M \iota \xi \omega v i o ̂ \eta s$, and one of them is betrothing a girl called Pamphile (?) to the other. The text is written across the fibres of the verso (the recto being blank) in medium-sized sloping uncials, probably of the third century. Besides the double dots a high stop is used ; a mark of elision ( $\mathrm{H}^{2}$ ? ) occurs in 1. ıo. Several lines are evidently nearly complete at the ends.

| ? $\beta \alpha] \iota \nu \epsilon \iota S$ єוS $\mu \epsilon: \in \mu 0 \iota \delta \in \oplus ̣[$ є] $\omega \omega$ $\delta \in$ бо८ $\Lambda \alpha \times \eta 5^{\cdot}$ ouк $\epsilon \sigma \tau[$ |  |
| :---: | :---: |
|  |  |
|  |  |
|  | ]. $\mu \eta$ пот $\epsilon \iota \pi \eta$ S $\omega 0 \mu \eta[\nu$ |
| 5 | $\epsilon] \pi \downarrow \delta \omega \sigma \epsilon \iota \nu: \operatorname{\Lambda ax}_{\pi 0 \theta \epsilon \nu} \lambda a[\beta \omega \nu$ ? |
|  |  |
|  |  |
|  | ]s. $\delta 1 \delta \omega \mu \iota$ П $\alpha \mu[\phi ı \lambda \eta \nu$ ? |
|  |  |
| 10 | $]^{\prime} \alpha \rho \in \sigma \tau \alpha[\tau \alpha v] ¢ \alpha<0[0] ¢$ |
|  |  |
|  |  |
|  | $\nu \epsilon .[. . . ..] \beta[$ |
|  | - |
|  | Q 2 |

In I. 3 there is a small mark after $\mathrm{M}_{\iota} \xi^{\prime}$ on the edge of the papyrus, but it does not suggest any letter. For l. 9 cf. e. g. 211. $3^{8-9}$; it may be inferred with some probability that the fragment is from the conclusion of the play. In 1. Ir the small interlinear dash probably belongs to an abbreviation of one of the speakers' names.
1825. $11.9 \times 13.1 \mathrm{~cm}$. Fragment from the top of a leaf of a papyrus codex, containing on the recto ends of 8 lines, and on the verso beginnings of io lines, from a comedy. The hand is a round upright uncial of medium size, dating perhaps from the fifth century. Accents, \&c., which are fairly frequent, may be by the original scribe, but a corrector's hand is apparently to be distinguished in verso 2. Brown ink, rather faded and effaced in places.

$$
\begin{aligned}
& \text { Recto. }
\end{aligned}
$$

 ]... $\omega \tau \epsilon \circ \nu \tau \iota \gamma \alpha \rho \in \ldots$. $\tau \iota \varsigma$


Verso.



аут $\quad$ a $\lambda \lambda \alpha$ торі́батє. [.] . . [
$5 \mu \alpha \lambda \alpha \kappa \hat{\omega} s \in X \in[[s]] \gamma \alpha \rho \underset{\sim}{\alpha} \ldots[$
$\kappa \alpha \iota \pi \alpha \rho \epsilon \lambda \theta \circ \hat{\sigma} \sigma^{\prime} \quad \omega \chi \in \tau \circ \in \xi \omega \cdot[$


$\alpha . \tau \epsilon \ldots \tau \epsilon \ldots$
10 !

Verso 2. ̇̇v $\lfloor\hat{a}] \phi a \nu \epsilon \hat{l}$ ? But the correction is unexplained. 6. Trochaic tetrameters begin here, but 1.8 , where l. tirtas, is irregular.
1826. $9 \times 7.3 \mathrm{~cm}$. Fragment, in places rubbed and faded, of a leaf of a papyrus codex containing a romantic prose narrative concerning King Sesonchosis. The hand is a medium-sized upright uncial of late third-fourth century type

Recto.
] $\eta$. . [
] $\pi \in \rho \iota \kappa \rho a \tau \eta$. [

] $\Sigma_{\epsilon \sigma \sigma \gamma \chi \omega \sigma \tau s} \operatorname{a\nu } \eta \lambda \theta_{\epsilon}[$

Verso.

$$
\begin{aligned}
& \left.\sum \in \sigma\right] \circ \gamma \chi \omega \sigma \iota \varsigma \cdot[ \\
& \text { ] кає } \tau v \gamma X^{\alpha \prime o v[ } \\
& \text { ] } \pi \not \approx \alpha \nu \omega \varsigma ~ a \lambda \lambda \in X o v[\sigma \iota \\
& \text { ] } 0 \pi \epsilon \rho \in \pi \epsilon \kappa \lambda \omega \sigma \alpha \nu \quad \operatorname{Tov}[
\end{aligned}
$$

```
5
    ]. \(\iota \alpha\) 入o!
        ] \(\iota \pi \pi \varrho \mu \alpha \chi \omega \nu \kappa \alpha \iota\) о \(\quad \pi о \mu[a \chi \omega \nu\)
        \(\epsilon \epsilon \omega] \theta_{0} \tau \alpha \beta \alpha \sigma \iota \lambda \epsilon \nu \sigma \iota \nu \quad \epsilon \pi t \tau[\eta \mathrm{~S}\)
        \(\epsilon \nu \nu^{\prime} \nu \circ \mu o v \quad \eta \lambda \iota \kappa \iota a s \quad \gamma \in \nu[0 \mu \in \nu \circ \iota\)
        \(\tau \omega] \pi a \tau \rho \iota \in \iota \pi \epsilon \nu \quad k[\)
10 ] \(\varphi \pi 0 \tau \omega \nu \pi \alpha \tau \rho \omega \omega[\nu\)
    \(\kappa \epsilon] X^{\alpha} \propto[[] \sigma \theta \alpha \iota \quad \tau \eta \nu \quad 0 \cdot[\)
        ]. \(\lambda_{[ }^{[ } \cdot\).] \(o[\cdot[\cdot] a \eta \delta \omega s\).
```



```
                \(\tau \epsilon] \backslash \epsilon \iota o v \sigma \theta \alpha \iota \quad \sigma[\)
```

```
5 ] \(\mu \eta\) ßov \(\lambda о \mu \in \nu=s ~ \tau \alpha \tau\).[
    ]єІข отаע єкєเขа \(\alpha \delta \epsilon \cdot[\)
        ] тотє аvтоs єтıфа⿱㇒日. [
        ] \(\rho \iota \delta \epsilon \epsilon \nu \alpha \tau \omega \nu \mu \circ \rho \cdot[\)
        ] \(\alpha \nu \theta \rho \omega \pi o u s \pi . .[\)
10 єv] \(\sigma a \iota \mu \nu \nu \alpha \nu \tau \eta \nu \quad \delta \omega[\)
        ] ఢov \(\theta\) єov \(\beta\) oŋ \(\theta\) ov . [
        \(\left.\Sigma_{\epsilon}\right] \sigma \sigma \gamma \chi^{\omega}[\sigma t] s \cdots \chi^{\omega} \cdot[\)
```




```
        ] \(\cdot\). \(\boldsymbol{\tau} \cdot[\)
```

The length of line seems to have bcen greater than that suggested by recto $7-8$ ；in $11.6-7$ ，where the lacuna is approximately the same，some－
 is corrected．
1827．Fr．I $10.7 \times 5.6 \mathrm{~cm}$ ．Upper part of a narrow column，with a small detached fragment，containing a few nearly complete lines of prose，perhaps an oration，mentioning Phormio．Third century，written in medium－sized sloping uncials ；a high stop in l．In．

```
            Fr. }1
    [. . .]e\rhoo[.] tovtols
    \mu\in\nu \epsilonv[k]To\nu o\nu \epsilon\nu
    [\tau]\omegal \tau\etaS \pio\lambda\epsilon\omegaS a
    [\xi]l\iota\mu\muaт\iota ка\iota \alpha\gamma\omega
5 川\zeta\epsilon\sigma0a\iota к\alpha\iota к\eta
    [\rho]u\tau\tau\epsilon\sigma0al \tau\etal \delta\epsilon
    [\pi]0\lambda\epsilon\iota \tauo\nu \tauоuт\omega\nu
    [\sigma\tau]\epsilon\phiavov ov \deltao
    [\xi]\etas \gamma\inyovo\taua a\lambda
10 [\lambda] a\iota\sigma\chiv\nu\etas alт\iota
    [ov]: \alpha\mu\alpha \gamma єк\eta\rho\nu\tau
    [\tau\epsilon]\tauo Фор\mu\iota\omega\nu ..
                                    Fr. 2.
                                    ] %O[
                                    ]va[.] [ [
                                    ]o[.]vy[
```

In l． 2 there seems to be barely room for $[\kappa]$ ，but $\epsilon v$ rovov is not attractive， still less $\epsilon v y o v o v$.
1828. $4.9 \times 2.9 \mathrm{~cm}$. Fragment of a vellum leaf, inscribed in well-formed rather small sloping uncial of, probably, the third century. The contents are of an ethical character. Apparently the lines were of no great length, but their point of division is not fixed. The vellum is thin and rather discoloured.

Recto or flesh side.

$$
\begin{aligned}
& \text { ] ка! } \gamma \text { ар oguxoㅅ[o]s. }
\end{aligned}
$$

$$
\begin{aligned}
& \kappa \alpha] \text { о } \mu \epsilon \theta v \sigma \text { es кає о катала[ } \lambda \text { es }
\end{aligned}
$$

$$
\begin{aligned}
& 5 \text { ○ a } \pi \sigma \sigma \tau \epsilon] \rho \eta \tau \eta S \text { кає о tolovtos } \tau \alpha[\pi \alpha \rho \alpha \\
& \pi \lambda \eta \sigma \iota a \text { ?] } \pi \circ \omega \omega \nu[\tau] \eta \iota \quad \delta![a] \nu 0[\iota a \iota] \text { nov[ }
\end{aligned}
$$

Verso.

$$
\begin{aligned}
& \text { ]. } \boldsymbol{y} \cdot . . . . . \text {. [ } \\
& \text { ]upıov } \epsilon \pi i \lambda \alpha \nu \theta a \nu \epsilon \tau \alpha \iota \text { [ } \\
& \text { ] } \pi \rho a \xi \iota \nu \quad \eta \text { үа } \rho \text { т } \rho и \phi \eta \text { ка८. [ } \\
& \text { ] } \eta \mu a s \text { ov[k] €X } \epsilon \iota \delta \iota a \text { т } \eta \nu a \cdot[ \\
& 5 \text { ? } \eta] \nu \in \nu \delta \epsilon \delta \nu \tau a \iota \eta \text { } \delta_{\epsilon} \tau \epsilon \mu[\omega \rho \iota a \text { ? }
\end{aligned}
$$

## I N D I CES

（1700 is to be supplied before $\mathbf{7 8 - 9 9 , 1 8 0 0}$ before 0－28，such figures referring to papyri；figures in small raised type refer to fragments，Roman figures to columns；sch．＝scholium．）

## I．1787－9（Sappho and Alcaeus）．

a a $87 .{ }^{12}$ ro．
äßpots $87 .{ }^{37} 3$ ．

ä́zatos $88 .{ }^{4}$ Io．
a a ava $\left[87 .{ }^{3}\right.$ ii． 12 ．

${ }_{a} \boldsymbol{y} \in 88 .{ }^{12}$ ii．3．ärm $89 .{ }^{31} 3$ ．
àүopáv $88 .{ }^{1{ }^{15}}$ i． 6 sch．
ส̈ठet $88 .{ }^{3} 3$ sch．

à́údoyou $87 .{ }^{11} 4$ ．
ait $\overline{\text { Jet }} 87 .{ }^{6} 7$ ．
аєікеа $89 .{ }^{1}$ i． 6.
à́ $\rho$ рuи $\left[88 .{ }^{5} 3\right.$ ．

à $\operatorname{avar}\left[87 .{ }^{8} \mathrm{I}\right.$ ．
«ө́̀́p $\mu$ ата $87 .{ }^{3}$ ii． 22.
ai $88 .{ }^{2} 6,{ }^{12}$ ii． $4,{ }^{15}$ ii． 16 ；
89．${ }^{1}$ i． 12 （？）．
aitil $80 .{ }^{23} 2$ ．

äćopos $89 .{ }^{6}{ }^{5}$ ．
aíc $88 .{ }^{6} 8$.
aiteif $88 .{ }^{15}$ ii． 5 ．
Aion $\left\lfloor 10 . . .89 .{ }^{6} 6\right.$ ．
aipovo［ $89 .{ }^{7} 3$ sch．
aícxos $88 .{ }^{6} 4$ ．
aü $\chi$ ¢ $87 .{ }^{17} 3$ ．
aïroo $87 .{ }^{5} 6$ ．
ai千a $87 .{ }^{44} 5$ ．
ахкат［88．${ }^{4} 3^{2 .}$
йKоเтเข 87．${ }^{1+2} 2$ I．
axкớ $\nu$ 87．${ }^{40} 3$ ．
［äкр］av 88．${ }^{1} 3$ ．
d̉ix $\in \sigma \sigma \iota$ 87．${ }^{12} 7$ ．
«入iтpa $87 .{ }^{7} 4,{ }^{32}{ }_{2}$ ．
à $\lambda \lambda{ }^{\prime} 87 .{ }^{1+2} 16,{ }^{6} 2,{ }^{27} 4$.
ä $\lambda \lambda$ os $88 .{ }^{4} 34$ ．ä $\lambda \lambda$ ot $87 .{ }^{11} 6$ ．
$\alpha \lambda \lambda\left[89 .{ }^{1}\right.$ ii． 15.
ä $\lambda$ os $88 .^{4}{ }^{2} 5$ ．
d $\mu \in \sigma\left[87 .{ }^{26} 6\right.$.
$\dot{\alpha} \mu \pi \epsilon \lambda\left[88 .^{1}+\quad \dot{a} \mu \pi \epsilon \lambda \omega 88\right.$. 15 ii． 21.
${ }^{\alpha} \mu \phi\left[87 .{ }^{18} 5 \cdot \quad \dot{\alpha} \mu \phi!\left[89 .{ }^{27} 3\right.\right.$.
ä้ $88 .{ }^{15}$ i． 4 sch．
àvaittov $88 .{ }^{15}$ ii． 12.
ärag 89．${ }^{\text {a }} 8$.
${ }^{2} А \nu \delta \rho о \mu$ érav 87．${ }^{7} 5$ ．
${ }_{\text {àv́́ } \mu \omega} 89 .{ }^{1}$ i． 15 （？）．
ăv $\quad 89 .^{1}$ ii． 6.
äv $\begin{aligned} & \text { oos } 87 . ~ \\ & \\ & \\ & \\ & 50 \\ & 5\end{aligned}$ ．
$\mathfrak{a} \nu \theta \rho \dot{\omega} \pi\left[87 .{ }^{14} 7\right.$.
äv］o $\lambda$ ßov 87．${ }^{40} 2$.
ávri $88 .{ }^{15} \mathrm{i}$ ． $15 \mathrm{sch} . a \dot{a} \nu(\mathrm{~T} i+o \hat{v})$
88．${ }^{15}$ i． 18 sch．
äouov 87．${ }^{1+2}$ I I．
àтaiซà 87．${ }^{44}{ }_{2}$ ．
à $\pi a \lambda\left[88 .{ }^{4} 7\right.$.
àтó 88．${ }^{2} 10$ sch．ámú 87．7 $1 ; 88 .{ }^{1} 2,{ }^{7} 3$ ．$\dot{d} \pi^{\prime} 88$. 15 ii． 2 I．
àтолєлєє $\mu \dot{\mu} \nu о \nu 89 .{ }^{7} 3 \mathrm{sch}$.
àтодлитаı 89．${ }^{24} 2$.
à $\pi v y \cup \in(?)$ ？87．${ }^{13} 8$ ．
$\grave{a} \pi v \epsilon i \pi \eta\left[88 .{ }^{2} 4\right.$.
à $\pi \dot{v} \theta \epsilon \sigma \theta a \iota 87 .{ }^{33} \mathrm{I}$ ．
áp $\rho$ оvías 87．${ }^{13} 9$.
дротрஸ́ $\mu \mu^{\prime}$ 88．＂ 8.
${ }^{\prime} A \rho \tau \epsilon \mu\left[87 .{ }^{37} 4\right.$ ．
as $88 .{ }^{15}$ ii． 4 ．
йซav 87．7 ${ }^{4}$ ．
̣̂̀ $\sigma \tau\left[o s ? 89 .{ }^{29} 4\right.$ ．
ätals $89 .{ }^{16} 2$ sch．

aưát［aıбı 89．${ }^{16}$ I．
av̉̀c 87．${ }^{36} 2$ ．
aütaข 87．${ }^{1+2} 6,{ }^{40} 4 ; 89 .{ }^{1} \mathrm{i}$ ．
9．aủrท่ $88 .{ }^{2}$ I 0 sch．aüт
88．${ }^{4} 2$ ．aütats $88 .{ }^{15} \mathrm{ii}$ ．
23.
aข้ $\omega \nu$ 87．${ }^{1+2}$ I 8 ．
＇Афробі ${ }^{\prime}$ ти $87 .{ }^{11} 3$.
＇Aх＇́ि［ outos $87 .{ }^{4} 10$ ．
व̈ $\chi \theta \eta \nu 87 .{ }^{1+2} 5$ ．
Bripq 89．${ }^{7} 3$ sch．
ßuбideus 89．${ }^{1}$ i．Io．$\beta a \sigma \iota \lambda[$ $87 .{ }^{4} 6$.
及ú́s $88 .{ }^{7} 7$.
$\beta$ Ќ $\lambda \lambda \in \circ$ 87．${ }^{34} 4$ ．
$\beta \rho o ́ \delta\left[88 .{ }^{8} 7 . \beta \rho o \delta o\left[87 .{ }^{16} \mathrm{I}\right.\right.$.
ßробо́naұvข 87．${ }^{1+2}$ I 8.
］阝родоя 89．${ }^{29} 6$.
үа́цєє $89 .{ }^{1}$ i． 7.

रа́ $\mu$ оу $89 .{ }^{1}$ i．I4．$\quad \gamma а \mu[89$. ${ }^{38} 2$ sch．
үúp $87 .{ }^{3}$ ii． $2,21,{ }^{7} 1,{ }^{13} 7$ ， ${ }^{36} 6,{ }^{44} 9$ ；88．${ }^{4}$ 16，20，${ }^{15}$ ii． $17,19,21,25 ; 89 .{ }^{1}$ i． $12\left(\right.$ ？），ii． $4,{ }^{9} 3(?),{ }^{13} 2$ ， ${ }^{31} 3$.
fâs 87．${ }^{1+2}{ }^{19} ; 88 .{ }^{2} 8$（？）． $\gamma \bar{\eta} 88 .{ }^{3} 2$ sch．
 $87 .{ }^{1+2}{ }^{1} 3$ ．${ }^{\epsilon} \gamma \in \nu \tau 087 .{ }^{3}$ ii． 1．$\gamma \epsilon \nu^{\prime} \sigma \theta \omega 89 .^{1}$ ii． 16. үє́vотто 87．${ }^{3}$ ii． $23 ; 89$. ${ }^{1}$ i． 13 ？
रє́ипор $88 .{ }^{2} 9$.
$\gamma \in \omega\left[88 .{ }^{15}\right.$ i． 4 sch．
रท̄pas 87．${ }^{1+2} 12$.
$\gamma$ रaúkà $88 .{ }^{1} 4$.
$\gamma \lambda a \phi u ́ p a\left[89 .{ }^{6} 8\right.$.
$\gamma \lambda u ́ к \in \rho о \nu 87 .{ }^{6} 5$.
$\gamma \lambda$ ข́кия $87 .{ }^{3}$ І $7 . \quad \gamma \lambda \nu \kappa \epsilon ́ \omega s ~ 89$. ${ }^{1}$ i． 9.
бóva $87 .{ }^{1+2}$ I4．
रuvaıкós $88 .{ }^{3} 7$ sch．？$\left.{ }^{2} \mathrm{u} v\right]$－ aıкı $87 .{ }^{41} 2$ ．
$8 a\left[89 .{ }^{7} 3\right.$ ．
 15 ii． 12.
［סaû̀є］89．${ }^{41} 5$ ，v．l．ঠŋѝтє．
סá申uas（or $\Delta$ á申uas？） $87 .{ }^{3}$ ii． 4.
$\delta \dot{\eta} \nu 88 .^{4} 27$.
Seiva 87．${ }^{3}$ ii． 17.
$\delta \epsilon \kappa \dot{\omega} \mu \epsilon \theta a \mathrm{89} .{ }^{12} 5$ ．$\delta \dot{\epsilon} \xi \in \tau a \iota 89$. ${ }^{25} 4$.
$\delta \in$ v́odtos $88 .{ }^{15}$ ii． 3.
$\delta \dot{\eta} 88 .{ }^{12}$ ii． $3 ; 89 .{ }^{22}{ }^{2}$ ．
бпйтє $87 .{ }^{36} 4$ ；89．${ }^{1}$ i．I5,${ }^{41}$ 5 （v．1．ઈんaṽtє）．
סıסní［87．${ }^{26} 5$ ．

［ $\delta i \pi \lambda]$ áaia $88 .{ }^{15}$ ii． 28.
$\delta \mu a ́\left[88 .{ }^{15}\right.$ ii． 3 ．
ठok［88．${ }^{5} 3$ ．
бо́ксиоя 89．${ }^{1}$ ii． 6.
סо́цоу 89．${ }^{29} 3$ ．
$\delta \rho \delta ́ \mu \omega \mu \epsilon \nu 89 .^{1}$ ii． 2.
$\delta \rho o ́ \pi[\omega] \sigma \iota \nu 88 .{ }^{15}$ ii． 23.
סробóє $\sigma \sigma a\left[87 .{ }^{6} 8\right.$

Súva $88 .{ }^{15}$ ii．I 6.
ठ́v́vaj［87．${ }^{3}$ ii． 18.
סúvatov 87．${ }^{1+2} 17$ ．
$\delta \dot{\omega}\left[87 .{ }^{24} 3\right.$ ．
б由̄ра 87．${ }^{1+2}$ IO．
téáv 87．${ }^{6} 2$.
${ }^{\epsilon} \gamma \omega \operatorname{c} 7 .{ }^{6} 2 ; 88 .{ }^{4} 20,{ }^{12}$ ii． 8. $\mu \in 87 .{ }^{3}$ ii．19，${ }^{7}$ I，${ }^{24} 2$ ； $88 .{ }^{4} 12,{ }^{13}$ ii． 3,6 ．$\mu 0 t$ 87．${ }^{1+2} 24,{ }^{3}$ ii． 23 ．${ }_{\epsilon}^{\mu}$ оt $87 .{ }^{44} 7$ ；89．${ }^{1}$ i．12．${ }^{2} \mu$－ رas $87 .{ }^{6}$ 4，${ }^{28} 2^{\circ}(?) . \quad \dot{a}^{\prime} \mu-$ $\mu \epsilon \omega \nu$［89．${ }^{1}$ ii． 3 ？］．${ }^{\prime \prime} \mu \mu(\nu)$ $89 .{ }^{1}$ i．16，${ }^{12}{ }_{2}$.

єiँ $\pi \epsilon 88 .{ }^{12}$ ii．6．єï $\pi \eta[\nu 88$. ${ }^{15}$ ii． 10.
tis $88 .{ }^{15}$ i． 18 sch．；88．${ }^{1}$ ii． 2 （＇s Pap．）．
єíaćtov $87 .^{3}$ ii． 9 ．
єi $\sigma \iota \kappa \in\left[89 .{ }^{1}\right.$ ii． 13 ？（ $\epsilon \sigma$ Pap．）．
 $89 .^{6} 7$.
ṫкর́\｛ 87．${ }^{36} 6$ ．
є̇ $\lambda \in \cup \theta$ е́раия $88 .{ }^{3} 5$ ．

є $\lambda к \in а$ 88．${ }^{4}{ }^{40}$ ．
$\left.{ }^{\prime} \lambda\right] \lambda i \pi \omega \omega\left[\nu 89 .{ }^{20} 1\right.$ ．
є $\lambda \pi$ тเร $87 .{ }^{1+2} \mathrm{I} 9$ ．
${ }^{〔} \lambda \pi \dot{\omega} \rho a 8^{15}{ }^{15} \mathrm{ii} .19$.
$[\dot{\epsilon} \mu \beta \hat{a}] 89 .{ }^{1}$ i． 17.
${ }^{\prime} \mu \mu\left[87 .^{3} 11\right.$ ．
${ }_{\epsilon} \mu\left[\mu \epsilon \nu a \iota\right.$ 88．${ }^{2}$ 9．（ $\left.{ }^{2} \sigma \tau \tau i\right) 88$. ${ }^{2} 14$ sch．（？）．${ }^{\text {éov }} 87 .{ }^{3}$ ii． 21． $\bar{\eta} \sigma \theta a 87 .{ }^{1+2}{ }^{15}$ ．$\eta_{s}$
 ${ }^{14}$ I ；89．${ }^{9}$ 3．$\quad$ є $\omega \nu$ 89．${ }^{6} 4$ ．
 ${ }^{1}$ ii．II．éoigats $88 .{ }^{15}$ ii． 24.

є̇̀ 88．${ }^{3} 3$ sch．；89．${ }^{29} 6$ ．кả̀ 87．${ }^{9}$ 3．$\epsilon^{\prime} v 87 .{ }^{4}$ 10．
？$\left.{ }^{\epsilon} \nu\right]$ ठíкшs $89 .{ }^{20} 5$ ．

ढ̈עขєка $87 .{ }^{5} 5$ ．
$\epsilon \operatorname{\epsilon } \nu \circ \pi\left[88 .{ }^{4} 26\right.$.
$\dot{\epsilon} \xi i=\left[89 .{ }^{40} 2\right.$ ．
ধ̇ $\pi$ áve $88 .{ }^{15} \mathrm{i}$ ． 13 sch ．
єं $\pi \epsilon i 88 .^{3} 7$ sch．；89．${ }^{1}$ i． 17.
＇Елє i［ $\omega \nu$ ？89．${ }^{6} 7$.
ধ̇тเáp 88．${ }^{15}$ ii． 22.



 $\nu \eta \mu.) ; 89 .{ }^{1}$ i． 5.
$\epsilon \pi \omega_{\mu} \sigma \sigma\left[? 87 .{ }^{9} \mathrm{I}\right.$ ．
${ }^{\dddot{c}} \varphi\left[\omega \tau \in S\right.$ ？87．${ }^{11} 4$.
є̈ $\sigma$ गо七s $89 .^{1}{ }^{1} \mathrm{ii} .8$.
$\dot{\epsilon} \sigma \sigma\left[88 .^{4} 33\right.$.

єัти $87 .{ }^{9} 2$ ．
єป̉ 87．${ }^{44} 9 ; 89 .{ }^{1}$ i． 3 ．
єüцорфотє́ра 87．${ }^{34} 5$ ．
Є̈ $\chi \eta \nu 87 .{ }^{1+2} 18,{ }^{12} 5 ; 89 .{ }^{1}$ i． 10．${ }^{\text {en }} \chi \omega 88 .{ }^{11} 2$ ．${ }^{11} \chi \in \epsilon$
 ёХоเซа 87．${ }^{11} 6$.
ё́रирои 89．${ }^{1}$ ii． 2.
ऍá $87 .^{3} \mathrm{ii} .18$.
$\zeta a\left[87 .{ }^{31} \mathrm{ii} . \mathrm{I}\right.$ ．
کaцєvóvтоу 89．${ }^{1}$ i． 6 and sch．
§а $\mu \epsilon \cup \epsilon ́ \tau \omega \sigma a \nu 89 .{ }^{1}$ i． 6 sch．
万 $87 .{ }^{3}$ ii．6， 17 ．

グ $\delta \eta$ 87．${ }^{1+2} \mathrm{I} 2 ; 88 .{ }^{15} \mathrm{ii} .17$ ．
ク้p
Өaá $\left[\sigma\right.$ ．．87．${ }^{11} 7$ ．
$\theta a \lambda a\left[88 .{ }^{9}\right.$ I．
$\theta a\left[\nu a \tau \ldots\right.$ ？89．${ }^{13} 2$.
$\theta \in \lambda \epsilon 87 .{ }^{44}$ 2．$\theta_{\epsilon} \lambda \omega\left[87 .{ }^{12} 4\right.$ ．
$\theta \epsilon \lambda \dot{\eta} \sigma,\left[87 .{ }^{44} 6\right.$.
 $\theta$ ］íyotra $87 .{ }^{1+2} 4$.
$\theta \rho i \xi$, т $\rho i \chi \epsilon s$ 87．${ }^{1+2}{ }_{13}$ ．
өímор 87．${ }^{44} 5$ ．
Oípav 87．${ }^{19}{ }^{2}$ ．
їтov 89．${ }^{29} 5$ ．
？ia］ún $88 .{ }^{13} 3$ ．
iठpetia 89．${ }^{6} 2$ ．
 88．${ }^{15}$ ii． 3 ．
ïкєन $\theta$ 87．${ }^{3}$ ii． 12 ．
${ }^{\star} \lambda \lambda \epsilon . . .87{ }^{44}$ г
${ }^{\imath} \mu \epsilon \rho\left[0\right.$ 87．${ }^{10} 3$ ．$\quad$＂$] \mu \epsilon \rho о \nu \quad 87$. 106.
$i \mu[\epsilon ́ \rho \rho] \eta \nu 88 .{ }^{5} 6$ ？
іцєртоу 88．${ }^{4} 3$
$i \pi \pi\left[88 .^{1}\right.$ I．
íซау 87．${ }^{7}$ 3．íтa 87．${ }^{1+2}{ }^{1} 5$ ．
${ }^{i} \chi \theta v\left[89 .{ }^{40} 3\right.$ ．
каí $87 .{ }^{1+2} 24,28,{ }^{3}$ ii． $7,{ }^{4}$ 10，${ }^{5} 2,{ }^{7}$ I（？），${ }^{14} 2,9$ ； $88 .{ }^{4}{ }_{22},{ }^{15} \mathrm{ii} .18$ ； $89 .{ }^{1}$ ii． $3,7,{ }^{20} 2,{ }^{32} 2,{ }^{34} 1$ ．ккii $\tau^{\prime} 87 .{ }^{34}$ I．кàmvरve［ ？ 87. 138.

каітот $87 .{ }^{4} 7$ ．
кáкоs 89．${ }^{31} \mathrm{I}$ ．кáкөข 89．${ }^{11} 2$ ． ка́ка 89．${ }^{1}$ i．3．ка́кшу 88. ${ }^{4} 3$ I，${ }^{15}$ ii．15．кর́к［ 89. ${ }^{25} 5$ ．
$\kappa \alpha\left[\kappa \dot{j} \tau \tau о \pi є 87 .{ }^{6}\right.$ 4．
кӓ入ация $88,{ }^{1} 5$ ．
ка́даข $87 .{ }^{3}$ ii．Із．ка́доข 87. ${ }^{1+2} 25$ ；88．${ }^{15}$ ii．19．кá入a


$\kappa а \mu\left[89 .{ }^{21}\right.$ 1．
ка́ртоя 88．${ }^{15} \mathrm{ii} .18$.
картє $\left\{88 .{ }^{15}\right.$ ii． 27.
катá 87．${ }^{1+2}$ 19；88．${ }^{3} 2$ sch．， ${ }^{4} 2 \mathrm{I}$ ．кáठ 88．${ }^{10} 6$ ．ка $\delta \delta[$ $88 .^{17}$
ката́үрєє 88．${ }^{7} 4$.
katap $\left[88 .{ }^{10} 3\right.$ ．
катає $\sigma \chi \dot{\nu} \omega \mu \epsilon \nu 89 .{ }^{1}$ ii． 7.
катьб $\left[\chi\right.$ ．．87．${ }^{7} 8$.
$\kappa \epsilon(\nu) 87 .{ }^{1+2} 16,{ }^{3}$ ii．2， 21 ； $89 .^{1}$ i．8，9， 17.
 88．${ }^{15}$ i．I 5 sch．
кєда́óєıs $88^{1} 6$ ．
$K \in \rho \rho] 88{ }^{1}{ }^{1} 5$ ．
$\kappa \eta ิ \nu 0 \nu 87 .{ }^{3}$ ii．6．$\kappa \eta \nu\left[88 .{ }^{12}\right.$ ii． 4 ．
Kipбa（？）89．${ }^{6} 9$.
$\kappa \lambda a ̄ \mu \mu a 88 .{ }^{15} \mathrm{ii} .19$.
$\kappa \lambda \epsilon \eta \delta o \nu\left[87 .{ }^{14} 4\right.$.
клє́os $87 .{ }^{4} 9$ ．
колокйдтаня 88，${ }^{4} 6$.
$\kappa]$ उúф $\omega 8 .{ }^{4} 4$ ．
кріขєเข，кєкріцєขоs 89．${ }^{1}$ i． 7 ．
$\kappa v\left[87 .{ }^{19} 4\right.$ ．
кѝца 88．${ }^{2} 25$ ；89．${ }^{1}$ i．I5． $\kappa \nu \mu\left[88 .{ }^{6}\right.$ II．
Ки́тлю 87．${ }^{4} 6$.
 $\lambda a ́ ß 刀 . \quad \lambda \in ́ \lambda о \gamma \chi \in 87 .{ }^{1+2} 25$.
 $\lambda$ áx！．
$\lambda a ́ \mu \pi \rho o \nu 87 .{ }^{1+2}{ }_{25}$.
$\lambda a \nu \theta a ́ v \epsilon \iota v, \lambda \in \lambda\left(0\right.$［ $\theta$ ？87．${ }^{12} 3$ ．
$\lambda \epsilon \overline{\text { киa }} 87 .{ }^{1+2}{ }^{13}$ ．
$\lambda_{i \gamma \eta}{ }^{2} 87 .{ }^{13} 11$ ．
$\lambda u y u ́ p a v ~ 87 .{ }^{1+2}$ II．$\lambda i$ ívpat $87 .{ }^{6} 7$.
$\lambda i \mu \in \nu a 89 .^{1}$ ii． 2.
$\lambda i \mu v a s ~ 88 .{ }^{1} 2$.
$\lambda i t \omega s$ 88．${ }^{2}$ II．
$\lambda \nu \mu a v$ 87．$^{14} 8$.
$\lambda \dot{\varphi} \rho\left[87 .{ }^{29} 5\right.$ ．
$\mu а є \nu о ́ \mu \in \nu о \nu 89 .{ }^{29} 7$.
$\mu a \kappa\left[87 .{ }^{5}\right.$ I．
нака́рау 87，${ }^{3}$ 20．
$\mu \grave{\lambda} \boldsymbol{\lambda}$ a $89 .{ }^{6} 4$.
$\mu a ́ \lambda \theta\left[a к о \nu 89 .{ }^{1}\right.$ ii．3，v．1．$\mu$ ó $\lambda \theta$ ． $\mu a ́ v 87 .{ }^{5} 4$.
$\mu a \nu \omega \dot{\circ} \delta \mathrm{\eta} 89 .{ }^{29} 7 \mathrm{sch}$ ．
$\mu a ́ \rho \pi т \epsilon \iota \nu, \notin \mu а \rho \psi \epsilon \nu 87 .{ }^{1+2} 20$.
$\mu a ́ \chi \in \sigma \theta a r 87 .{ }^{44} 7$.
$\mu \in{ }^{\prime} 89 .{ }^{26} 5$ ．
$\mu \epsilon ́ \gamma a 87 .{ }^{4} 7$ ；89．${ }^{1}$ ii．4，${ }^{38} 2$. $\mu \in \gamma a \lambda\left[89 .{ }^{21} 2\right.$.
$\mu \in ⿺$ סíaに． $87 .{ }^{27} 3$ ．
$\mu \in \lambda a \omega v a\left[87 .{ }^{3}\right.$ ii．І 5．$\mu \in \lambda a i v a \nu$ $87 .{ }^{1+2}$ I 3.
$\mu \epsilon \lambda \lambda \iota \chi o ́ \phi \omega \nu\left[\right.$ os $87 .{ }^{6} 6$.
$\mu \epsilon$＇̃os $87 .{ }^{6} 5 . \quad \mu \epsilon \lambda \hat{\omega} \nu 87 .{ }^{45} 2$ （title）．
$\mu^{\mu} \boldsymbol{\nu} \quad 87 .{ }^{3}$ ii． $7 ; 88 .^{15}$ ii． 17. $\mu \epsilon ́ \eta \eta \nu 89 .{ }^{1}$ i．12．$\mu \in \nu \epsilon \tau[89$. ${ }^{12} 3$.
$\mu \epsilon \rho \iota \mu \nu\left[87 .{ }^{30}\right.$ I．
$\mu \dot{\eta} 87 .{ }^{3}$ ii．19，${ }^{24} 2,{ }^{34} 4 ; 88$. ${ }^{12}$ ii． $7,{ }^{15}$ ii． 23 ； $89 .{ }^{1}$ ii． 3， 7.
$\mu \eta \delta \dot{\epsilon ́ \epsilon ~ 89 . ~}{ }^{1}$ i． $5,{ }^{12} 5$ ．
$\mu \eta \delta \dot{\epsilon} \nu \quad 87 .{ }^{3}$ ii． $20 . \quad \mu \eta \delta \epsilon \nu[87$. ${ }^{34} 2$.
$\mu \eta к є є \iota ~ 87 .{ }^{7}$ II．
$\mu \eta \tau \in\left[87 .{ }^{27} 2\right.$.
Міка $87 .{ }^{6} \mathrm{I}$ ．
$\mu \iota \mu \nu \dot{\prime} \sigma \kappa \epsilon \theta \theta a, \quad \mu \nu a ́ \sigma \theta \eta \tau \epsilon \quad 89.1$ ii． 5 ．
$\mu o ́ \lambda \theta\left[\right.$ aкоу 89．${ }^{1}$ ii． 3 （v． 1. $\mu \dot{\lambda} \lambda$ ．）．
моуархіаи 89．${ }^{12} 4$.
нúpos 89．${ }^{29}{ }^{4}$ ．
$\mu u ́ \gamma l s ~ 87 .{ }^{3}$ ii． 9.
$\mu$ úpıa 88．${ }^{2}$ Io．
Mupбi
$\mu\left[\omega \dot{\mu} \mu\right.$ ？89．${ }^{1}$ ii． 5.
va $88 .{ }^{24} \mathrm{I}$ ．
ขâa 88．${ }^{4}$ 19．vaî̀ 88．${ }^{15}$ i． 5 sch ．vâos $89 .{ }^{1} \mathrm{i} .17$.
$\nu \in$ ßिióaı 87 ．$^{1+2}$ I 5 ．
ขіка［ $88 .{ }^{15} \mathrm{ii} .8$.
$\nu 6\left[88 .{ }^{12}\right.$ ii． 5 ．
ขо́ $\mu \mu$ а $87 .{ }^{44} 3$ ．
ро $\mu i \sigma \delta \epsilon \iota 87 .{ }^{1+2} 22$.
$\nu$ º́rov 89．${ }^{29} 5$ ．
$\nu$ ข้̂̀ 87．${ }^{3}$ ii．II $,{ }^{5} 5,{ }^{34} 3$ ； $88 .{ }^{2} 9$ ； $89 .{ }^{1}$ ii． $6,{ }^{13}$ I．
$\xi \in \sigma\left[88 .{ }^{15}\right.$ i． 5 sch．

o，ő（art．，dem．，rel．）87．${ }^{1+2}$ $8,{ }^{38} 2$ ．à $88 .{ }^{4} 33$ ．тó $87 .{ }^{1+2}{ }_{2} 5,{ }^{5} 6,{ }^{19} 5 ; 88 .{ }^{2}$ $9,{ }^{15}$ ii．19．Táv 87．${ }^{3}$ ii． 18，${ }^{9} 2$ ；89．${ }^{1}$ ii．10．т $\omega$ $88 .{ }^{2} 8$ ；89．${ }^{1}$ i．${ }^{1} 5$ ，ii． 5. $\tau \hat{\omega}\left[88 .{ }^{10}{ }^{2}\right.$ ．tâs 87．${ }^{7}{ }^{1}$ ； $88 .{ }^{15} \mathrm{ii} .14$ ．$\tau \bar{\omega} 89{ }^{9}{ }^{1}$ ． тậ 88．${ }^{12}$ ii．2．oì $88 .{ }^{15}$ ii． 25 ．тá $87 .{ }^{3}$ ii． $14,{ }^{44}$ 10； $88 .{ }^{2}$ I $^{4}{ }^{47},{ }^{12}$ ii．4， ${ }^{15}$ ii． 25 ．tois $87 .{ }^{3}$ ii． 24 ； 88．${ }^{4}$ 23．$\tau \omega \hat{\nu}$ 89．${ }^{1}$ ii． 12. тầ 89．${ }^{7}$ 3．Taís，тaíб九 $87 .{ }^{3}$ ii． $7 ; 89 .^{1}$ ii． 14.
 $88 .^{12}$ ii． 5.
ó óoíтороs $87 .{ }^{3} \mathrm{ii} .8$.

${ }^{\circ} \mathrm{ok}\left[88 .^{4} 24\right.$ ．
${ }_{\text {öк }}^{20} 89 .{ }^{1}$ ii． 3 ．
］ $0 \lambda \beta \omega \nu 88 .^{2}$ I2．
òíyats 88．${ }^{15}$ ii． 20.
${ }^{\circ} \lambda \kappa \kappa a(\nu) 87 .{ }^{38} 3$ ．
ỏ入оф［ஸ́tos？87．${ }^{5} 3$.
ó $\mu a ́ \gamma v\left[\rho . .88 .^{10} 5\right.$.
${ }_{\text {ó }} \boldsymbol{\mu} \boldsymbol{\lambda} \lambda \in \iota$ 88．${ }^{4} 27$ ．
${ }^{\circ} \mu \pi a v \epsilon 88 .{ }^{15} \mathrm{ii} .7$ ．
［ӧّ $\mu$ ¢ акая $88 .{ }^{15}$ ii． 24 ．
${ }_{o}^{\circ} \nu 88 .^{1} 6$.
${ }^{\circ} \nu \in \sigma\left[87 .{ }^{37} 2\right.$ ．
ovias 87．${ }^{3}$ ii． 17.
？ỏ］$\nu \nu \epsilon \chi \in \iota 89 .{ }^{8} 4$ ．
öขоเрє $87 .{ }^{3}$ ii．I 5.
ỏ $\pi a ́ \sigma \delta o \iota ~ 87 . ~ 1+2 ~ 23 . ~$
o้ $\pi \pi \circ \theta \in \nu$ 88．${ }^{1} 3$ ．
ö $\pi \pi$ ога 89．${ }^{1}$ i．I3．
${ }^{\circ} \rho \eta\left[88 .{ }^{4} 3\right.$.
$\left.{ }^{\circ} \rho\right] \nu i \theta \in \sigma \sigma \iota 88 .{ }^{1} 2$.
oैs［1789．${ }^{1}$ ii．9］．ờs $\tau \epsilon$ ，ã＇s $\tau \epsilon$ $88 .^{4} 17 . \quad$ б $\nu \tau \in 87 .{ }^{44} 2$.
őซбos $87 .{ }^{4} 8 ; 88 .^{15}$ ii． 18 ． $\check{\sigma} \sigma] \sigma a 87 .{ }^{44} 6$.
öra 87．${ }^{3}$ ii．4．öra $\tau \in 87 .{ }^{3}$ ii． 16.

о้ттเร 88．${ }^{6}$ IO．
ov，oủk $87 .{ }^{1+2}$ I 4，i $7,{ }^{3}$ ii． 2 ， $2 \mathrm{I},{ }^{5} 4,{ }^{7} 8 ; 88 .^{4} 20,26$ ， $33,{ }^{15}$ ii． 20,25 （？）．＇̈＇$\gamma \omega \omega^{\prime} v \kappa$ 87．${ }^{6}$ 2．$\mu \eta$ ủк $88.1^{12}$ ii． 7.
？oủ］ á $\mu$ a（or $\mu \eta] \delta a ́ \mu a$ ）88．${ }^{4}$ I 1 ．
ov่ó́ $87 .{ }^{5} 8,{ }^{10} 2(?),{ }^{18}$ I（？）； 88．${ }^{15}$ ii．I 3， 26.
oủย́v 87．${ }^{5} 7$ ．
oủ่os，тойтo $87 .{ }^{1+2} 24,{ }^{5} 2$ ； $88^{4} 26,{ }^{10} 4,{ }^{12}$ ii． 8 ．той－ тоข $88 .{ }^{15} \mathrm{i} .15$ sch．таûta 87．${ }^{18} 2 ; 88 .^{3} 2$ sch．
จข้т $87 .{ }^{3}$ ii． 2 I．จи̃т 88. 15 i．Io sch．
$\left.{ }^{\circ}\right] \psi^{\prime}(?) 88 .{ }^{15} \mathrm{ii} .2$ I
$\pi a ́ \theta \eta \nu$ 88．${ }^{14} 3$.
таî́a 87．${ }^{9} 2$ ．таîєя 87．${ }^{1+2}$ 10．$\pi[a i] \delta a s 88 .{ }^{4} 5$.
$\pi a ́ \lambda \eta \nu$ 87．${ }^{19} 5$.
$\pi a ̂ \nu 87 .{ }^{3}$ ii．5．$\quad \pi a \nu\left[89 .{ }^{6} 3\right.$ ． тaí［av？89．${ }^{29}$ 2．тávтa 87．${ }^{1+2}$ I2（？）；88．${ }^{2}$ IO； 89．${ }^{24}$ I．тávтa $87 .{ }^{3}$ ii．
 I 3.

па́ขтạ 87．${ }^{4} 9$.
тарє́ $\mu \mu \in \nu a \iota$ ，？п］apé $\sigma$ є таı $89 .{ }^{3}$ 3.
$\pi а р є ́ \sigma к \in \theta \epsilon 88 .{ }^{15}$ ii． 1 I．
$\pi а р є \chi \in\left[88 .{ }^{15}\right.$ ii． $28 . \pi$ тарє́ $\notin є$ $89 .{ }^{1}$ i． 16.
$\pi а р \mu \epsilon ́ \nu\left[89 .{ }^{22}\right.$ I．
тápoı $\theta a 8 .^{1}$ ii． 5.
пáбаб $\theta a \iota, \pi \epsilon] \pi a ́ \mu є \nu a \iota 87 .{ }^{38} \mathrm{I}$ ．
тával 88．${ }^{15} \mathrm{ii} .15$.
$\pi \in \delta a ́ 87 .{ }^{44} 5$
$\pi \epsilon \delta \in ́ \chi \eta \nu 87 .{ }^{3} \mathrm{ii} .19$.
тє́ถ์เоข 88．${ }^{9} 2$.
$\pi \in\left[\right.$ 89．${ }^{26} 4$ ．
Пє $\lambda a ́ \sigma \gamma \omega \nu$ 89．${ }^{6} 6$.
$\pi \epsilon ́ \lambda \eta\left[\operatorname{os~87.~}{ }^{38} 2\right.$.
Пер $\theta_{1} \lambda \eta \eta^{2}$ 87．${ }^{6} 3$.
$\pi \epsilon \rho \theta \dot{\epsilon} \sigma \theta a \iota 87 .{ }^{33} 4$ ．
$\pi i \theta \epsilon \iota \sigma a\left[87 .{ }^{44} 8\right.$.
тเбv́va 88．${ }^{4} 24$.
？$\pi] \lambda \in \xi$ áv $\theta \iota \delta$ os $88.1^{1}$ I．
$\pi \lambda$ そ́ovし 87．${ }^{18} 4$.
$\pi \lambda$ ока $\left[87 .{ }^{14} 5,{ }^{15} 4\right.$ ．
$\pi \lambda \nu\left[87 .{ }^{39} \mathrm{I}\right.$ ．
$\pi \circ \dot{\eta} \sigma\left[88 .{ }^{4}\right.$ 1 9．$\pi o \eta \sigma\left[89 .{ }^{9} 2\right.$.
тоєiŋр 87．${ }^{1+2} 16$.
$\pi o \lambda\left[88 .^{1} 2\right.$.
mo八ías 88．${ }^{4} 25$.
$\pi i[\lambda \iota v 89.1$ ii．IC．
$\pi o ́ \lambda v \nu 89 .^{1}$ i．16．$\pi o ́ \lambda v ~ 87$. ${ }^{5} 7$ ，то́лı $\left[88 \cdot{ }^{9}\right.$ 3．то́длау

II． ．$o ́ \lambda \lambda a ~ 88 .{ }^{4} 22,12 \mathrm{ii}$ ．
9，1 0．$\quad$ ó入入 $89 .{ }^{6} 5$ ．
$\pi o \nu$ 88．${ }^{15}$ ii． 9 ．
порєì，є́ $\pi o ́ \nu \eta \sigma a s ~ 88 .{ }^{4} 21$.
потá 87：${ }^{3} \mathrm{ii} .9$ ；88．${ }^{13} 4$ ； 89．${ }^{6} 7$（v．l．токá）．
$\pi \rho i ́ \nu 89 .{ }^{13} 2$.
$\pi \rho o ́ \delta \eta \lambda о \nu 89 .{ }^{1}$ ii． 4.

$\pi \rho o ́ s ~ 89 .{ }^{1}$ i． 3 ．
$\pi \rho o ́ \sigma \theta a 88 .{ }^{15} \mathrm{ii} .25$.
$\pi \rho о т є ́ \rho \omega ~ 89 .{ }^{1}$ i． 15.
$\pi \rho \circ \phi\left[89 .{ }^{19} 2\right.$.
$\pi \tau \eta \dot{\sigma} \sigma \epsilon \iota$, є́ $\pi \tau a ́ \xi a \tau є 87 .{ }^{3}$ ii． 3. $\pi \omega 88 .^{4}$ II．

Ean申oûs 87．${ }^{45}$ I（title）．
Eí $\sigma$ vф $\left[88 .{ }^{6}\right.$ I3．
$\sigma o ́ s, ~ \sigma a ̂ s ~ 88 .{ }^{15}$ ii．I 4．$\sigma$ ậ or баí $88 .{ }^{7} 8$.
बтaфúגats 88．${ }^{15}$ ii． 20.
$\sigma т] \in \rho \subset a ́ v \quad 88 .{ }^{15}$ i． 4.
orixou 88．${ }^{15}$ i． 15 sch．
$\sigma \tau[v ́] \mu a\left[\sigma_{l}\right] 87 .{ }^{1+2} 9$ ．
oú 87．${ }^{26} 7,{ }^{44} 9 ; 88 .{ }^{15}$ ii．I 4． бє́ $87 .{ }^{4} 5$ ，10，${ }^{6} \mathrm{I}, 2,{ }^{23} 3$ ； 88．${ }^{15}$ ii．2．$\sigma o i ́ 8 .^{15} \mathrm{i}$ ． 3 sch．，ii． $1 \%$.
$\left.\sigma \nu \nu a^{[ } \gamma^{\epsilon} \rho\right] \rho \in \operatorname{ta\iota } 88 .{ }^{15} \mathrm{ii} 18.$.
？бvvá́ $\rho] a \iota \sigma a$ 87．${ }^{33} 5$.
？$\sigma v] \nu \nu \epsilon ́ \chi \epsilon \iota 89.8^{8} 4$ ．
बvขovaıá乌ovtєs $88 .^{15}$ i．2， 3 sch
$\sigma \phi\left[89 .^{1}\right.$ ii．I 2.
$\sigma \phi a \lambda\left[89 .^{6}\right.$ I．
$\sigma \phi c 87 .{ }^{13} \mathrm{I} 2$.
$\tau \in 87 .{ }^{3}$ ii． $\mathrm{I}_{4}, 16,{ }^{26} 4,{ }^{34} \mathrm{I}(?)$ ， ${ }^{44} 2 ; 88 .^{4}$ I $7,{ }^{15}$ ii． 9 （？）
téauta 87．${ }^{3}$ ii．I I．Cf．totaútas．
$\tau \epsilon \in \lambda \in \sigma о \nu 87 .{ }^{44} 3$.
тє́ $\rho \pi \epsilon \iota \nu,] \in \tau \epsilon \rho \pi\left[87 .{ }^{10} 7\right.$ ．
т］$\eta \lambda є ф а ́ \nu \eta \nu ~ 88.17 . ~$
төӨ́vaı，$\theta$ ท̄тає 87．${ }^{1+2} 9$ ．
tis $88 .{ }^{15}$ ii．9．tí 87．${ }^{1+2} 7$ ， 16.
$\operatorname{Tis} 87 .{ }^{6} 5 ; 89 .{ }^{1}$ ii．6．］ 5 ri $[s]$ $89 .{ }^{1}$ i．7．т $88 .^{15}$ ii．I 6. тıvá $89 .{ }^{1}$ ii． $3,{ }^{19} 2$.
тоє $88 .^{15} \mathrm{ii} .25 . \mathrm{Cf} .87 .^{34} \mathrm{I}$ ； $88 .^{15}$ ii． 9.
тoıaútas $88 .{ }^{15} \mathrm{ii} .2 \mathrm{I} . \mathrm{Cf}$ ． тє́auta．
то́кәаs $89 .{ }^{1} \mathrm{ii} 8.$.
то́л $\mu\left[87 .{ }^{43} 2\right.$ ．
тóぞ 88．i 3 ．
то́тоข 89．${ }^{31} 2$.
то́та 89．${ }^{1}$ i．I 2，${ }^{22} 2$.
т］ดо́тоу 87．${ }^{7} 7$ ．
$\tau \rho v\left[88 .{ }^{7} 6\right.$.
Tuvס́apióats 87．${ }^{7} 9$.
rúxŋข 87．${ }^{44} 6$ ．тúхoเซa 87 ${ }^{44} \mathrm{I}$ ．

$$
\tilde{v} \delta \omega \rho 88 .^{1} 4
$$

vै $\mu\left[88 .^{12}\right.$ ii． 10 ．
ího ．．87．${ }^{1+2} 8$ ．

ข̈ $\mu \omega s$ 87．${ }^{1+2} 20,{ }^{7} 2$（？）．
ìmá 87．${ }^{39} 3 ; 89 .{ }^{1}$ ii． 8 ．
іллєрßєкатає $88 .{ }^{15}$ ii． 17.
$i \pi i \eta \sigma\left[188 .{ }^{4} 4\right.$ ．
iní⿱宀丁 $\mathbf{~ 8 8} .^{4}{ }^{2} 3$ ．
ürvos $87 .{ }^{3}$ ii． 16.
ข̈ซтеคоข 88．${ }^{15} \mathrm{i}$ ． 18 sch ．
Фає́日 $\omega \nu$ 87．${ }^{4} 8$.
${ }^{\text {¢ }} \phi \mathrm{a}\left[87 .{ }^{12} 6\right.$.
$\phi а \rho \xi \omega \dot{\omega} \mu \theta a 88 .^{1}$ ii．．．
фє́роьтя 87．${ }^{1+2} 14$ ．ф́́роята $87 .^{1+2} 19$.

$\phi \theta^{\prime}$＇$\mu$ évav $87 .{ }^{1+2} 22$.
 ${ }^{5} 4$ ．？$\phi \iota \lambda\left[87 .{ }^{4} 5\right.$.

фinos，фìs 87．${ }^{1+2}$ II．$\phi i[\lambda$
89．${ }^{6}$ I．？$\phi$ in $\left[87 .{ }^{4} 5\right.$.
фı $\lambda$ ótaта 87．${ }^{6} 3$ ．
фni［ 89．${ }^{19}$ I．
фоітаяs 87．${ }^{3}$ ii． 16.
$\chi^{\text {aนp }}\left[87 .{ }^{26} 4\right.$.
$\chi^{\dot{d} \lambda \epsilon \pi[87 .}{ }^{19} 3$.
харієит＇87．${ }^{7}$ го．
$\chi$ र $\rho \iota \sigma[88.422$.

$\chi \in \rho \ell \theta\left[87 .{ }^{9} 3\right.$（ $-\rho \rho-$ Pap．）．
$\chi \lambda \iota \delta \dot{a} v a ̣$ 87．${ }^{44} 8$.
$\chi^{\lambda} \omega \bar{\omega}\left[\right.$ os $88 .{ }^{1} 5$ ．
$\chi$ х́рор 87．${ }^{13}$ 10．
$\chi$ хэ́датоя 88．${ }^{4} 28$.
$\chi$ ро́a $87 .^{1+2}{ }^{12}$ ．

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чáтфо 87．${ }^{4} 5$.
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vi $\pi \epsilon \rho \theta \epsilon 92 .{ }^{3}$ I 1 ．
íńpтatos 92．${ }^{44} 2$.
ínó 78．${ }^{1} 5 ; ~ 85 .{ }^{2-4}$ recto $12(?)$ ，verso $6 ; 97.18$ ， ［23］， $36,3^{8} ; 98 .{ }^{44} \mathrm{iv}$.I ； 0．${ }^{1}{ }_{1} 7,{ }^{2} 36,{ }^{3}{ }^{1} 5,16,{ }^{8}{ }_{26}$ ； 2．${ }^{3} 4^{8}, 65$ ；23． 17 ； 25. recto 4 ；26．recto 10.
ілокр $\left[92 .{ }^{46}{ }^{2}\right.$ ．
и́токріขєıг $0 .{ }^{3} 48$ ．
іло́ципна 2．${ }^{3}$ 12，43，［74？］．
íпо́ттıфроs 3． 3 ．
imoteivelv 8．i．sch． 9 ．
ṽ $\sigma \tau \epsilon \rho \circ \nu[97.21$ ？$] ; 4 .^{4} 12$. í і́тодоs 90． 14.

8．ii．sch． 13 ．
фауєiv 98．${ }^{44}$ iv． 7.
фаєo фópos 86． 2.
фаiveıv $0 .{ }^{1} 44$ ．фаivé $\theta$ at 91.
$5 ; 97.5$ I， 63 ；99．ii． 15 ；
7． 901 sch．
фпเढ́ठそs 0．${ }^{1} 22$.
фávaı 90． 49 sch．；93．ix． 3 ；
94． 1 ； $0 .^{1} 45 ; 2 .{ }^{3} 55$ ；
25．verso 3 ．
фаขє pós 78．Іо；95．i． 5 ．
Фavion 3． 65.
ф́áos $92 .{ }^{1}{ }^{1} 5$ ．
фа́рракоу 98．${ }^{44} \mathrm{i} .1$ ； $0{ }^{3}{ }^{3} 25$.
фи́тиך 7． 895 sch ？
фaî̀os［4．${ }^{3}$ 2］．
$\phi$ ধí̄єөөa 95．ii． 2.
фध́petv 78． 27 ；92．${ }^{1} 5$（？）； 2．${ }^{3} 4 \mathrm{I}$ ．
Фєретєфи́ッ 2．${ }^{3}$ 33．П．2．${ }^{3}$ 3о． $\phi \epsilon u ́ \gamma \epsilon \iota \nu 95$. ii． 2.
$\phi \eta \mu \eta$ 4．${ }^{4}{ }^{1} 5$ ．
$\phi \eta \mu i \xi \epsilon \sigma \theta a<22$. i． 19.
$\phi \theta_{\epsilon}^{\prime} \gamma \gamma \epsilon \sigma \theta$ a $92 .{ }^{1} 19$.
$\phi \theta \dot{\prime}] \gamma \gamma^{\circ} 92 .{ }^{50} 4$.
$\phi \lambda\left[2 .{ }^{7} 7\right.$.
Фi入áס́ $\lambda$ фot 3． 22.
фìáprupos 0．${ }^{1} 40$.

Фíגıлтоs 98．${ }^{1} 9,{ }^{44}$ i．б； 99.
ii． 2 I．
$\phi$ iлomovía 2．${ }^{2}{ }_{2}$.
фídos 85．${ }^{2-4}$ recto 6 ；［0．${ }^{3}$ 73］；27． 14 ？


фоße $85 .^{2-4}$ verso 13 ．

фóßos 85．${ }^{2-4}$ verso 7，9；23．6．
фovev́elv 23．у 6.
фóvos 95．ii． 2.
Фориіш 4．${ }^{3}$ 10；27． 12.
фúpто今 4．${ }^{3} 9$ ．
中ра 0 ［ $90 .{ }^{5}{ }^{7}$ ．
фраб $\left[92 .{ }^{11} 3\right.$
фр и́ 23．$^{23}$ ？
$\phi \rho о \nu \in i ́ v ~ 96 . ~ 2 . ~$
фро́vпй 85．${ }^{2-4}$ verso 8.
Фрúrıos 95．ii．I3．
фuyás $0 .{ }^{3}$ 59．
фи́єt 94.5 ．

фиえá $\sigma \sigma$ єเv 92．${ }^{1}$ 11 ；97． 43 ；
98．${ }^{44}$ i． 7.
фu入étŋs 4．${ }^{4}$ Io．
$\Phi \nu \lambda \eta \eta^{0 .}{ }^{6+7} 2$.
$\phi \nu \lambda \dot{\eta} 4 .{ }^{4} 4$.
фірада 1． 60.
фитóv 78． 3 I．
Фшкаєis 93．v． 4.
ф $\omega \nu$ ข́ 2．${ }^{3}$ 66；3． 4.
ф́̀s 90． 30.
$\chi a\left[90 .^{4}\right.$ ii． 6.
Хало́иіо 2．${ }^{3} 6_{3}, 6_{7}, 7_{2},{ }^{6} 6$.
$\chi^{\text {á }} \boldsymbol{\lambda к а \sigma \pi เ s ~ 9 0 . ~} 3 \mathrm{I}$ ．
$\chi^{\text {á } \lambda к є о s ~ 91 . ~ 6 ; ~ 0 . ~}{ }^{3} 32$.
Xалкіоккоя 2．${ }^{3}$ 54．
才a入kós 90． 43 ．
Хацаид́є $\omega \nu$ O．${ }^{1} 29$.
Xápakos $0 .{ }^{1} 9$ ．
халі $\zeta \epsilon \sigma \theta a t 2 .{ }^{3} 32 ; 26$ ．recto
II．
Хápıs 92．${ }^{37}{ }^{5}$ ．
Xápıтеs 92．${ }^{1} 7$.
$\chi^{\text {aтєì } 96.5 \text { ？}}$
$\chi$ хєỉos 93．vi． 2.
$\chi є і \mu$ 22．i． 21 ．
$\chi<\iota \mu \dot{\nu} \nu 95$. ii． 4.
$\chi$ хі́р 94． 3.
$\chi$ ${ }^{\text {ón }}$ 91． 1 I ；96． 8.
$\chi^{\text {intot } 98 .}{ }^{44}$ i．8，iv． 12.
$\chi$ tóveos 95．ii． 10.
$\chi^{\text {доєро́s 96．}}$ 1 2.

Xopós 92．${ }^{37}$ 4；93．viii． 3 ．
хр $\mu_{\text {с }}$ 95．ii． 18 ；97．28； $0 .{ }^{3} 22$.
$\chi \rho \hat{\eta} \sigma$ өu $0 .{ }^{1} 32,{ }^{12} \mathrm{~S}$ ．
хрі́бноя 97． 6.
$\chi \rho \bar{\eta} \sigma \iota$ 78． $3^{22}$ ．
хрŋотприи́乡єөөaц $0 .{ }^{2} 53$ ．
x póvos 92．${ }^{1}$ 11；95．ii． 22.
$\chi \rho \log 92 .{ }^{40} 2$ ．

бoû̀ 「évos 3． 57.
хрибєóctpoфos 90． 40.
$\chi$ रvoo $\left[92 .{ }^{26} 2\right.$.
хрибоє́ $\epsilon$ єра 90． 9 ．
$\chi$ रuvós $90.42 ; 95$ ii． 17.
$\chi^{\text {úcus } 96.6 . ~}$
Хขтa［ 92．${ }^{12}$ I．
$\chi^{\text {む́є } \sigma \theta a}$ 21． 3.
$\chi \bar{\omega} \mu a$ 96． 1 I．
$\chi^{\text {¢́pa }} 2 .{ }^{3}{ }^{3}$ 1．
$\chi$ брiôto 3． 23 ．
$\chi^{\omega}{ }^{\text {рís 3．}}$ 3． 4.
$\bar{\psi} 98 .{ }^{5-6}$ ii． 17.

$\psi \in]_{j} \sigma \pi \eta$ ：28．recto 4 ．
$\psi \eta \phi\left[0 .{ }^{6+7}{ }^{15} 5\right.$.
＊ं่финаа 0．${ }^{6+7} 5,8$.
$\psi \hat{\eta} \phi$ os $0 .{ }^{3} 59$ ．
$\psi \chi_{\chi i}^{i j} 85 .{ }^{1}$ recto 9.
$\bar{\omega}$ 8．i．sch． 4.
©̄ 91． 3 ；1． 39 ；23． 14.

ఉ̀yúzuos 96． 9.
むิठє 93．vii．6，x． 7 ；94． 21.
ఉoís 92．${ }^{1} 14$ ．
$\dot{\omega} \theta \epsilon i \nu 0 .{ }^{2} 51$ ．
ஸ̀кús 90． 33.
ผs 90． $27,[30], 48,51$ sch．；
93．ix． 3 ； 97.46 ；99．ii．
$26 ; 0 .{ }^{1}{ }^{1} 7,{ }^{2} 44$（ $=\tilde{\omega} \sigma \tau \epsilon$ ），
$62,{ }^{6+7} 3,1_{4},\left[{ }^{8} 24\right],{ }^{9} 5$ ；
1． 54 ；2．${ }^{3} 43,66,74$ ； 3.
2 et saep．；21．9；23．8， II．（Prep．）3． 58.
$\dot{\sigma \epsilon i} 90.42$ ；93．vi． 2 ；3．5． बै $\sigma \pi \epsilon \rho$ 95．ii． 19 ； $0 .{ }^{1} 28$（？）；

1． $25 ;\left[4 .^{1+2} 16\right]$ ．
డ̈ $\sigma \tau \epsilon 3.29$ ．
ஸ̀фєлєї 97．69， 7 I ．

## III．PASSAGES DISCUSSED．

## （a）Authors．



## (b) Papyri.




No. 1778 , Fols. 1, 2, recto
NF\&EE




Plate III


Plate IV


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No. 1806 , Col. iv

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\end{aligned}
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THE EGYPT EXPLORATION SOCIETY, as rccently reconsituted and renamed,
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[^0]:    ${ }^{1}$ Paean and Tekmessa (Leipzig), reviewed with severity by Schröder, Berl. Phil. Woch. xl. 351.

[^1]:    
     this visit to Polycrates as uncertain, on account of the confused dating-an inadequate reason, since the main fact would no doubt be attested by the poems themselves while the dates would be added by the commentators. ì rov̂ rupávvov rarýp is a riddle. Schneidewin's suggested solation ó roû rupavvırov̂ or rûv т $\quad \rho a ́ v \nu a \nu ~ \pi \rho \hat{\omega} \tau o s$, is unconvincing.

[^2]:    ${ }^{1}$ A convenient edition of the new fragments is now available in Lietzmann's Kleine Texte, 145 .

[^3]:    ${ }^{1}$ That avdet $\mu 0$ in 15 is probably to be regarded as two words, not one, was pointed ont by Wilamowitz, Gött. gel. Anz. 189, p. 695.

[^4]:    Fr. 1. The mention of a theatre in 1.2 , in conjunction with the burial of .] $\mathrm{l} \pi \pi=0$ in 11. 8-ro, leaves little room for doubt that this fragment refers to the death of Philip, but the details are unfamiliar. Philip's assassin was Pausanias (Diodor. xvi. 94, Justin ix. 6), for whose name there seems to be here no place ; moreover, according to Diodorus he was pursued and killed forthwith by oi $\pi \epsilon \rho i$ тò̀ $\Pi \epsilon \rho \delta i k \kappa a \nu$ who $\sigma v \gamma \kappa \kappa \nu \tau \eta \dot{\eta} \sigma \nu \tau \epsilon s$ àveì ov. Apparently, then, the object of anєтvaav[ $\sigma a \nu$ is some other person, whose identity is obscure; cf. Justin xi. 2. I Prima illi cura paternarum exsequiarum fuit; in quibus ante omnia caedis conscios ad

